

FIGURE 1

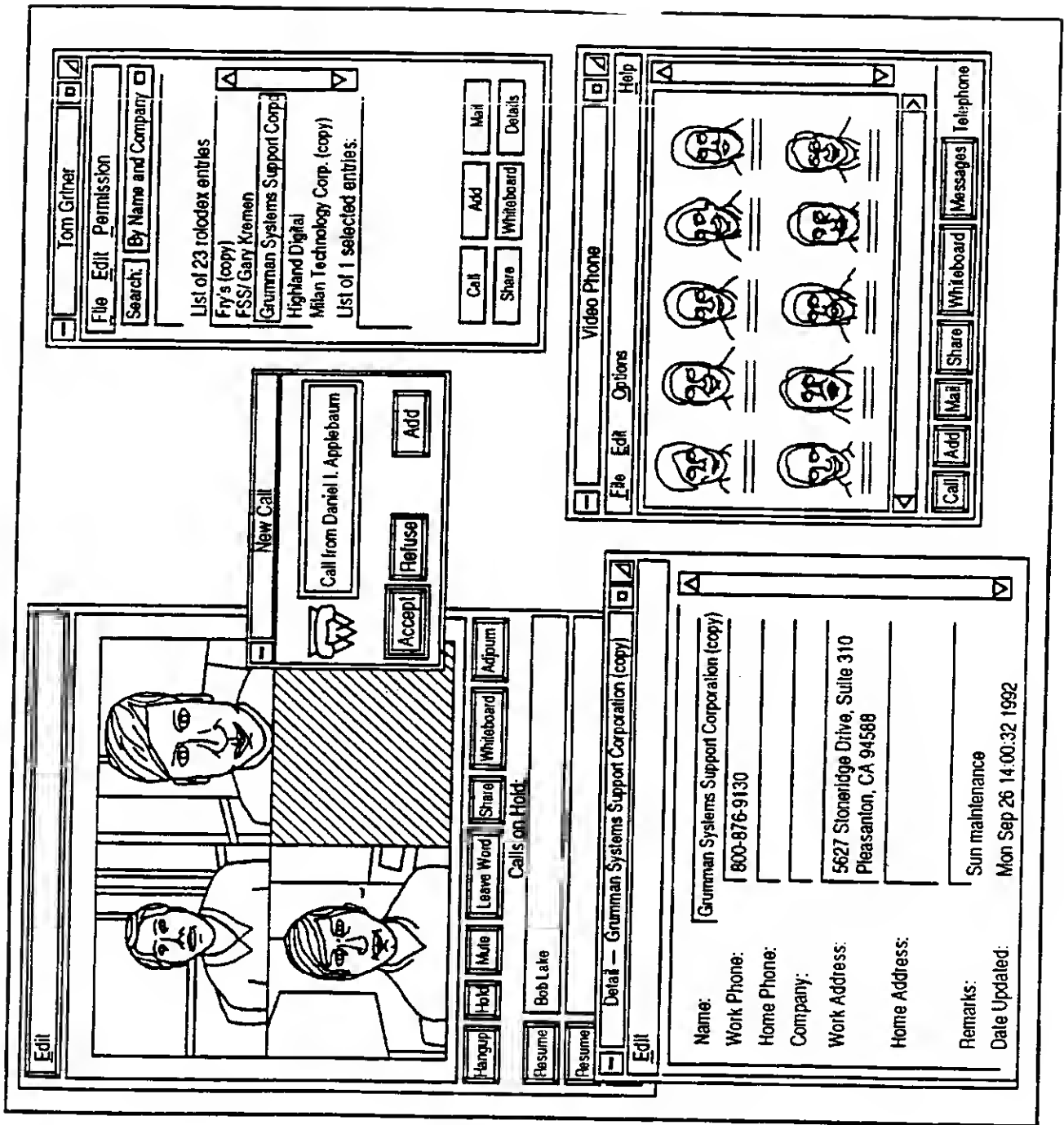


FIGURE 2A

FIGURE 2B

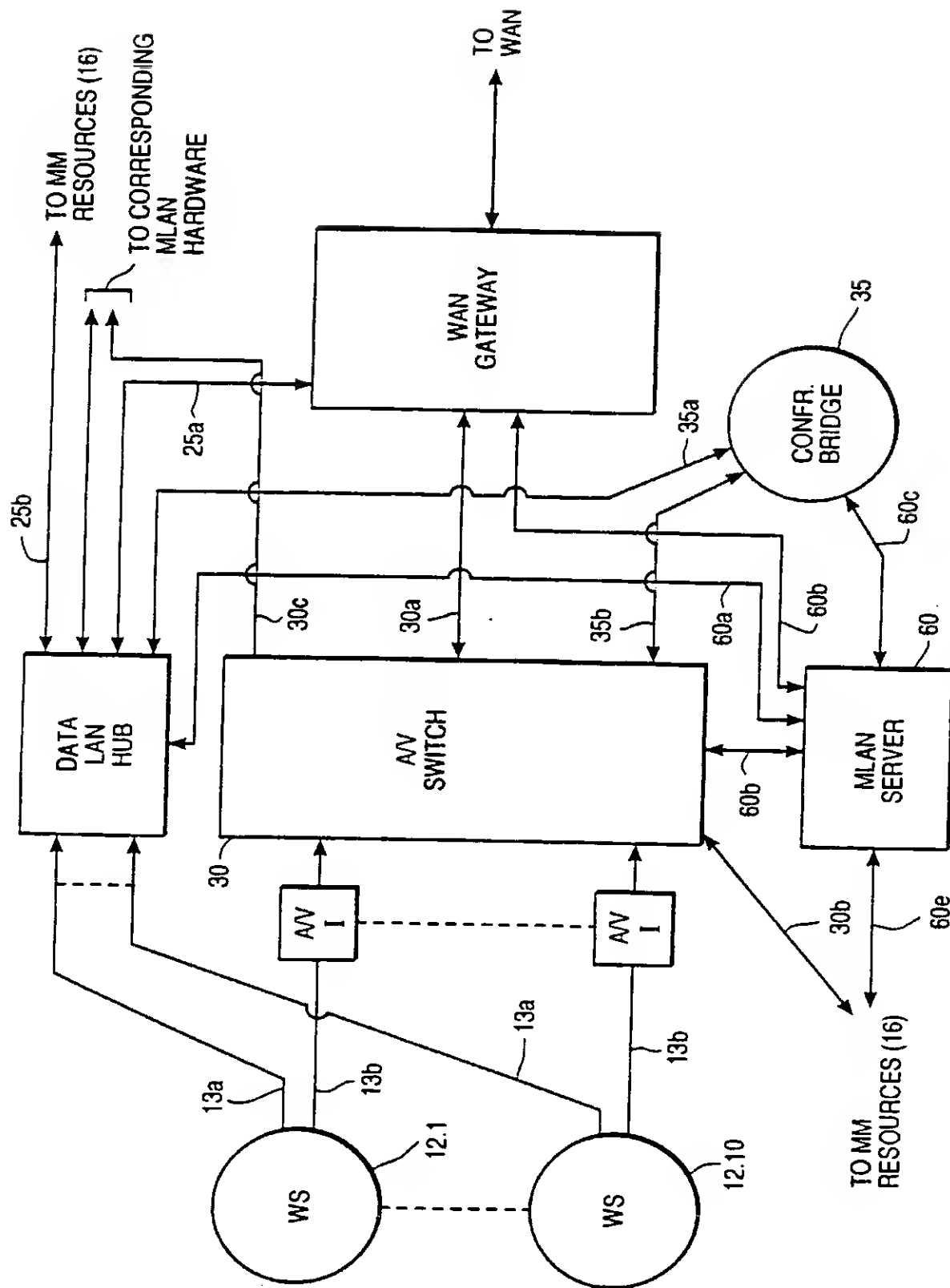
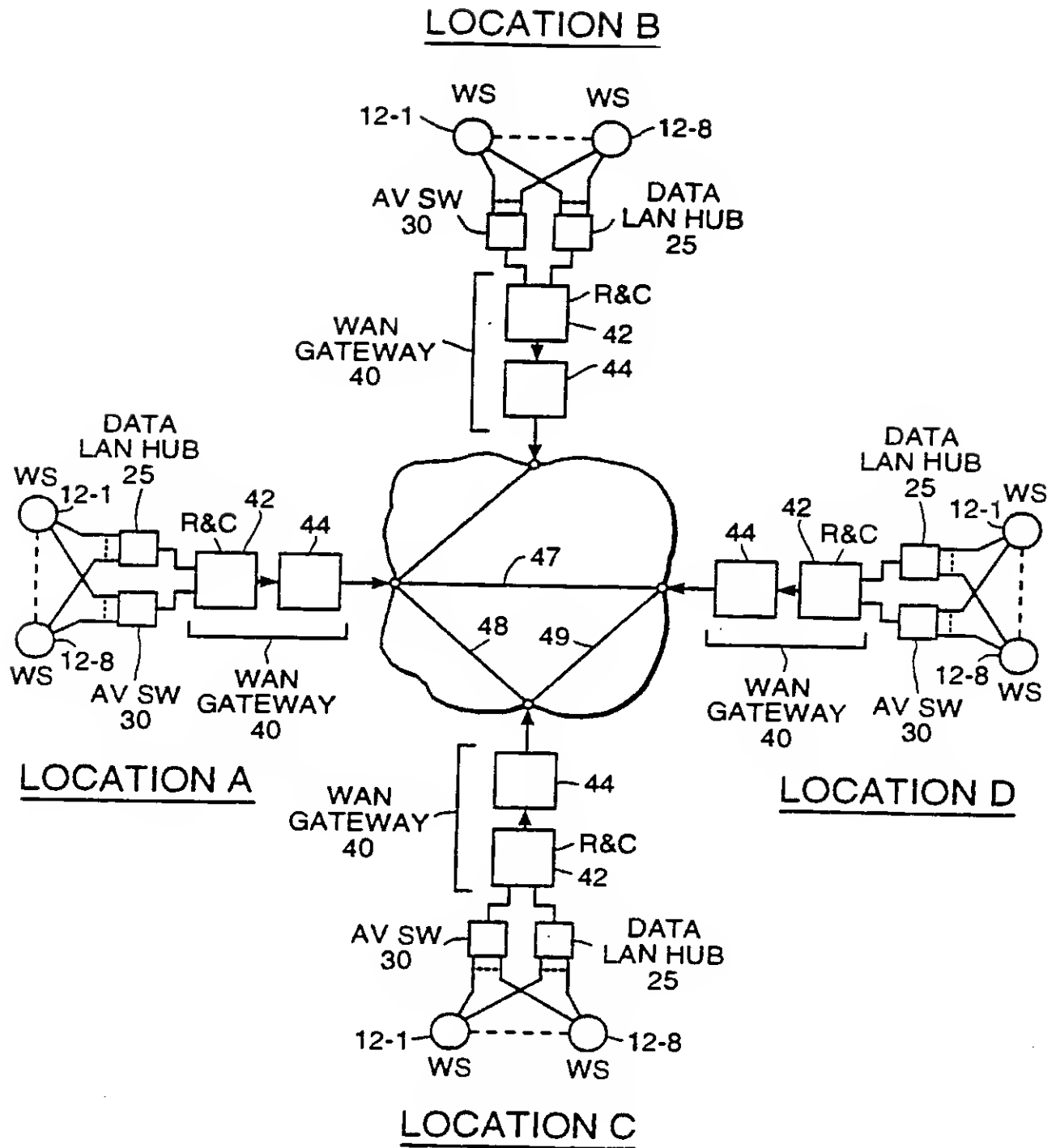
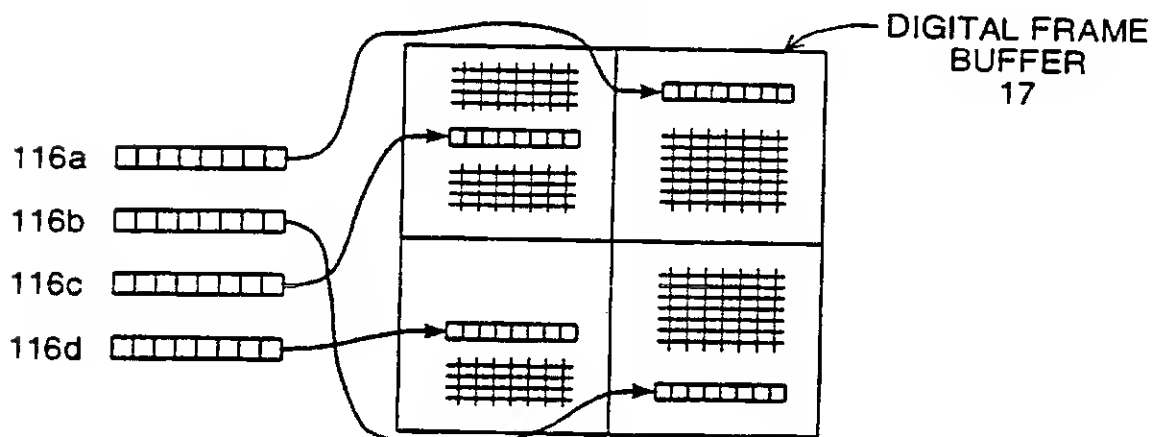


FIGURE 3





00072622.050599

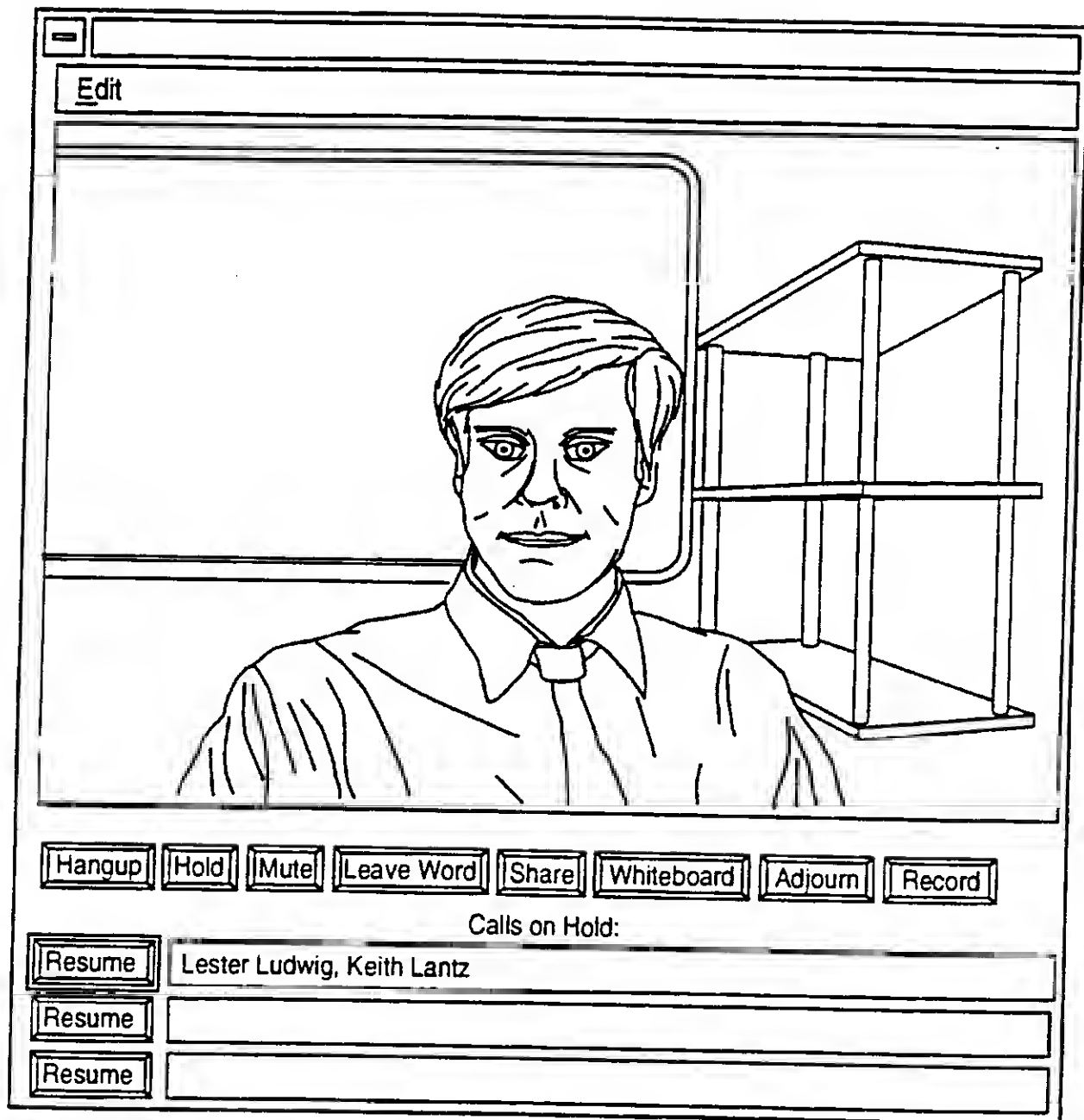


FIGURE 8A

05072622 050598

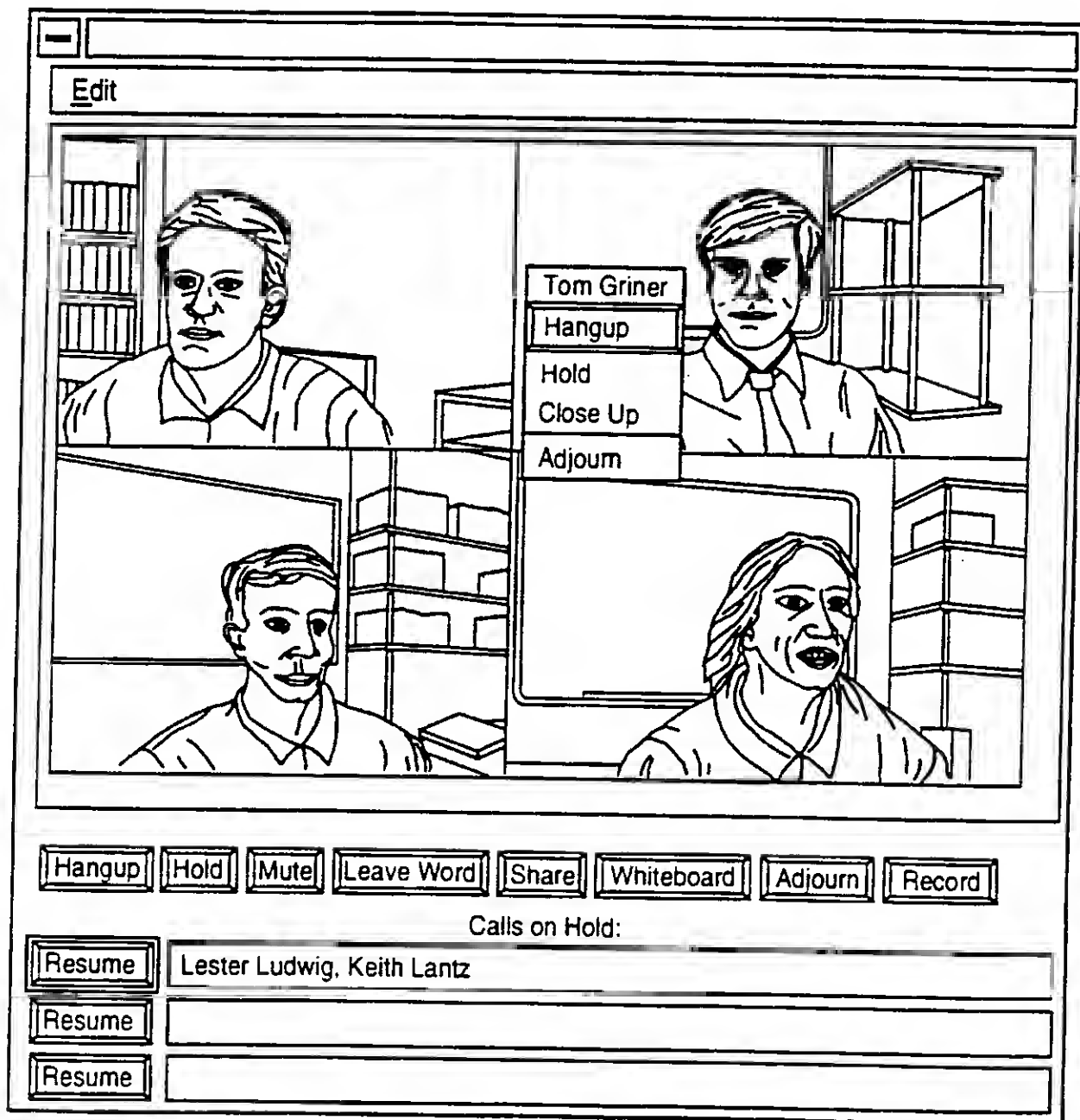


Figure 8B

The screenshot displays a Mac OS X desktop. The top of the screen features a menu bar with 'Edit' and 'Collaboration Initiator' menus. The 'Collaboration Initiator' window is open, showing a grid of eight video feeds of participants in a conference. Below the grid are buttons for 'Hangup', 'Hold', 'Mute', 'Leave Word', 'Share', 'Whiteboard', and 'Record'. A status bar at the bottom of the window indicates 'Calls on Hold: Lester Ludwig, Keith Lentz'. The dock at the bottom contains icons for 'Shell', 'maker', 'VCR', 'Editor', 'Pind', 'ColorPrint', 'SunPC', 'Pix', 'Calculator', 'VideoPhone', 'VPhone-test', 'Teg', 'wings', 'Robotex', and 'screen'. A 'Collaboration Initiator' window is also open, showing a list of participants: Ginter, Lauwers, Lentz, Ludwig, Van Nole, Steel, Kindon, Vermer, Kennedy, and a 'Help' button. The 'Collaboration Initiator' window has a menu bar with 'File', 'Edit', 'Options', and 'Help'.

FIGURE 8C

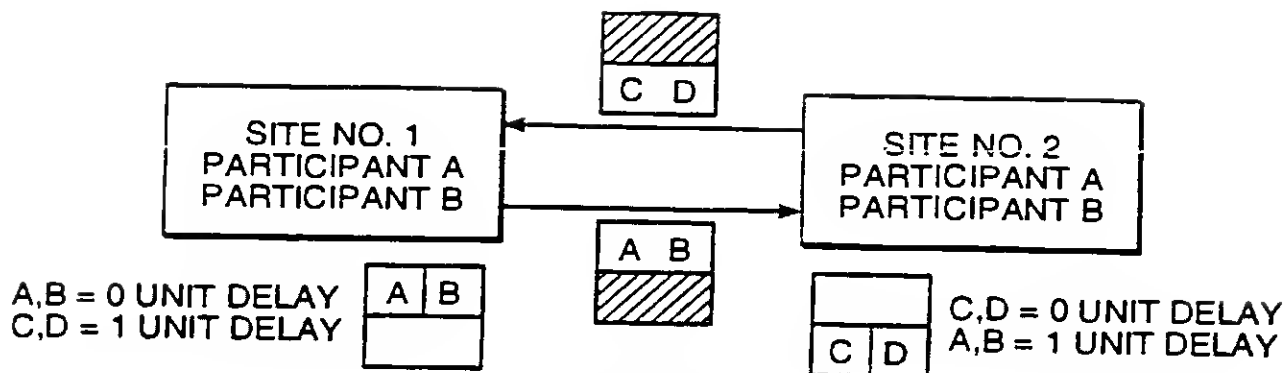


FIGURE 12A

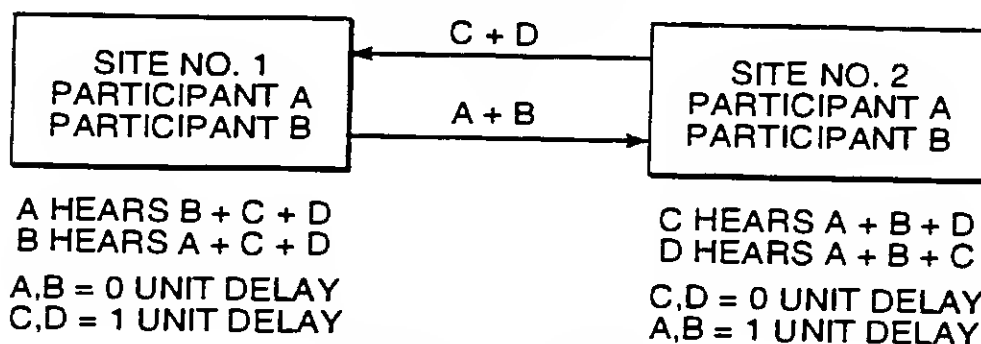


FIGURE 12B

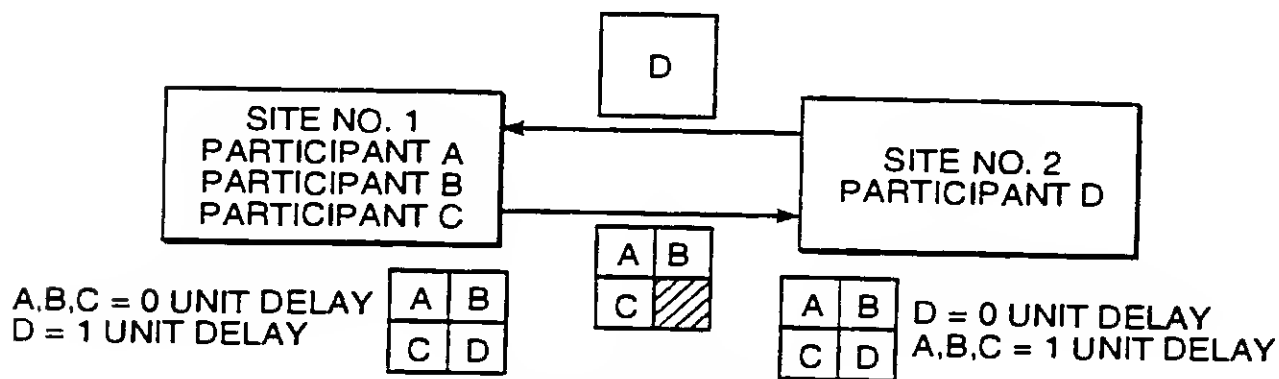


FIGURE 13A

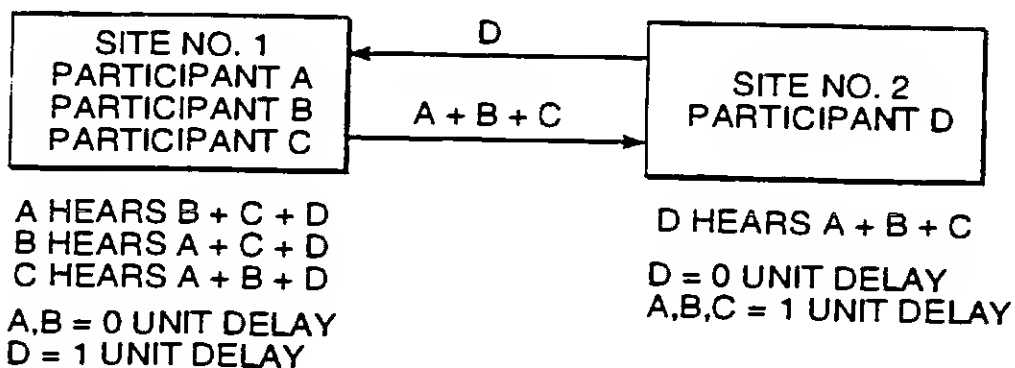


FIGURE 13B

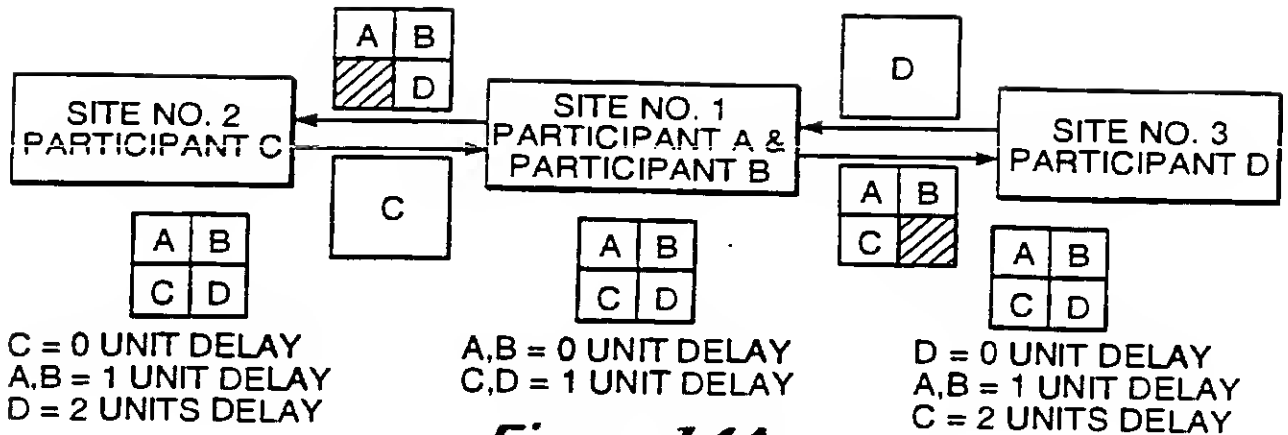


FIGURE 14A

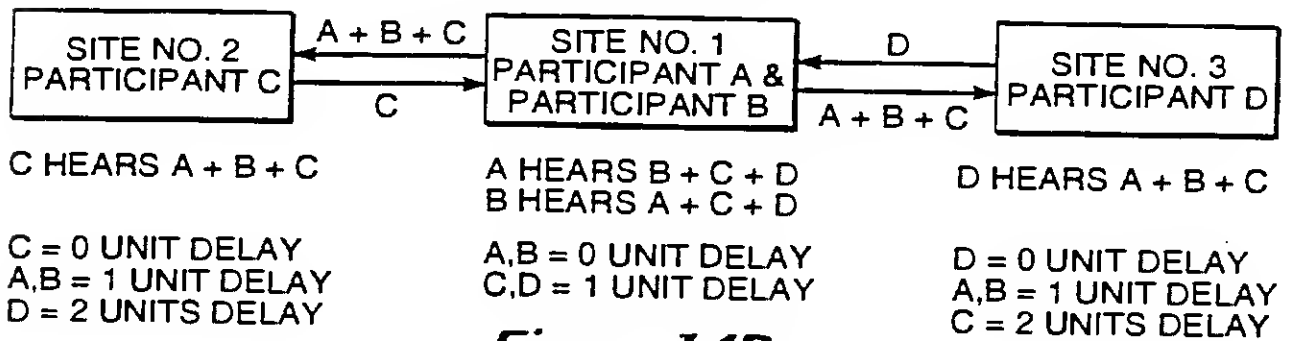


FIGURE 14B

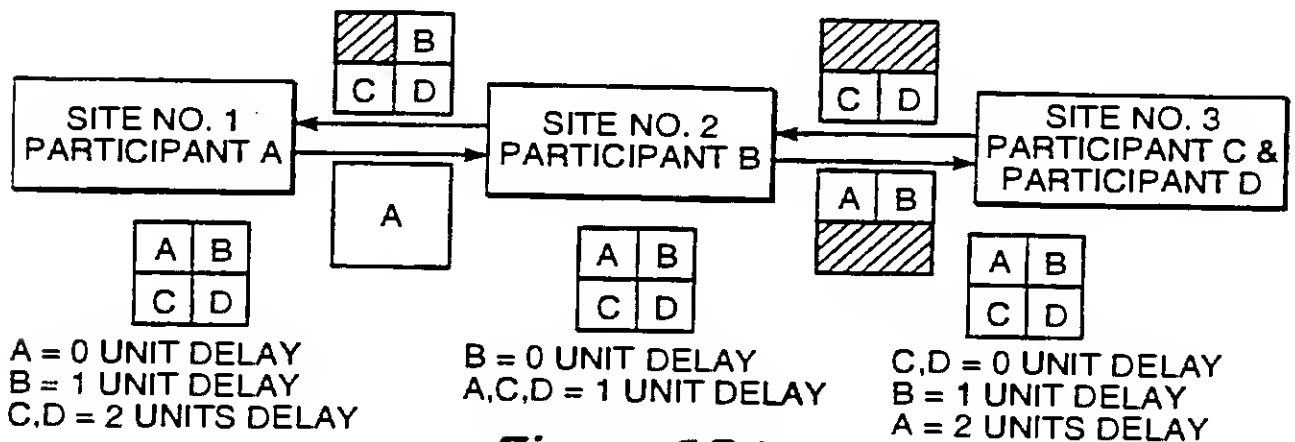


FIGURE 15A

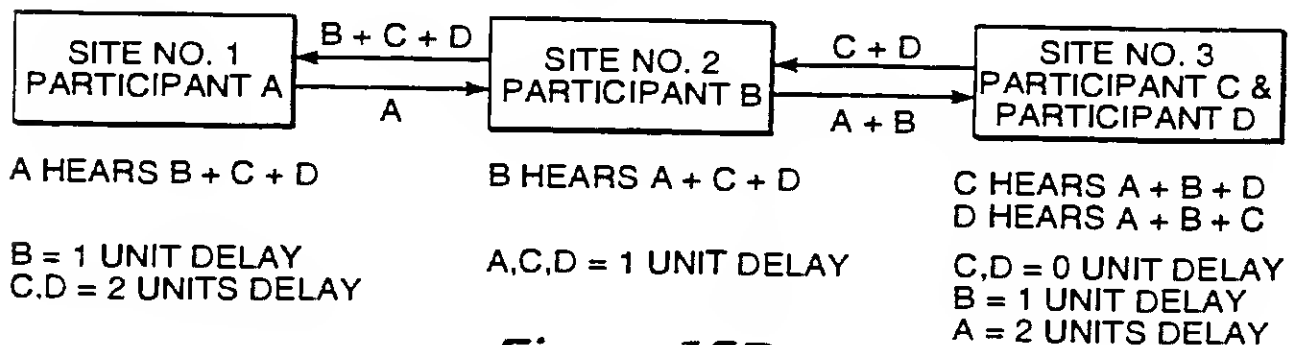


FIGURE 15B

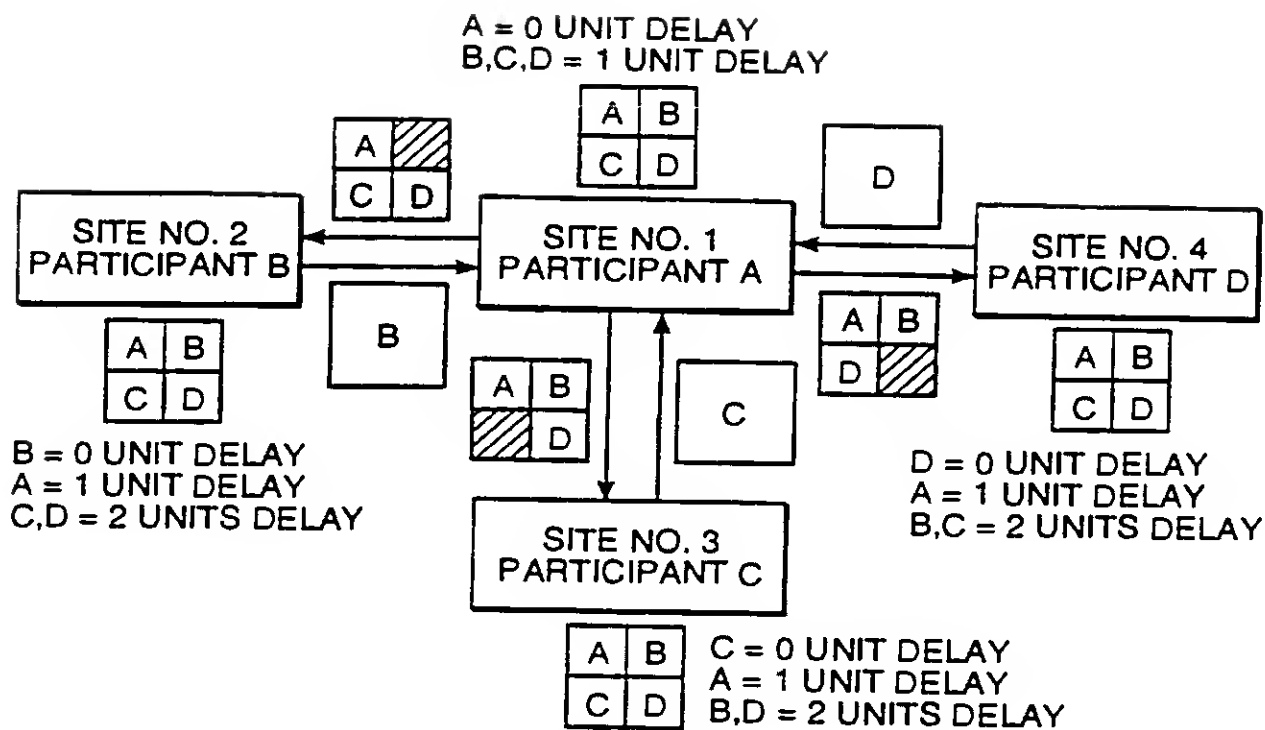


FIGURE 16

A	B
C	D

SITE NO. 1
PARTICIPANT A

A	B
C	D

SITE NO. 2
PARTICIPANT B

Diagram illustrating the experimental design for the two groups of participants:

- Group 1 (Top):** Participants are assigned to Site No. 3. The diagram shows a shaded box for A and a box for C and D.
- Group 2 (Bottom):** Participants are assigned to Site No. 3. The diagram shows a box for A and B and a shaded box for C and D.
- Site No. 3:** Both groups are directed to Site No. 3, where Participant C is identified.

Diagram illustrating the flow of information from a participant's response to a site. A box containing 'A B' and 'D' (with a diagonal line) has an arrow pointing to a box labeled 'SITE NO. 4 PARTICIPANT D'. Below the first box is another box containing 'A B' and 'C D'.

Chemical	Formula	Structure	Formula	Structure	Formula	Structure	Formula	Structure
Aluminum	Al		Aluminum		Aluminum		Aluminum	
Carbon	C		Carbon		Carbon		Carbon	
Hydrogen	H		Hydrogen		Hydrogen		Hydrogen	
Oxygen	O		Oxygen		Oxygen		Oxygen	
Sulfur	S		Sulfur		Sulfur		Sulfur	
Chlorine	Cl		Chlorine		Chlorine		Chlorine	
Bromine	Br		Bromine		Bromine		Bromine	
Iodine	I		Iodine		Iodine		Iodine	
Fluorine	F		Fluorine		Fluorine		Fluorine	
Nitrogen	N		Nitrogen		Nitrogen		Nitrogen	
Phosphorus	P		Phosphorus		Phosphorus		Phosphorus	
Calcium	Ca		Calcium		Calcium		Calcium	
Sodium	Na		Sodium		Sodium		Sodium	
Potassium	K		Potassium		Potassium		Potassium	
Magnesium	Mg		Magnesium		Magnesium		Magnesium	
Zinc	Zn		Zinc		Zinc		Zinc	
Copper	Cu		Copper		Copper		Copper	
Iron	Fe		Iron		Iron		Iron	
Gold	Au		Gold		Gold		Gold	
Silver	Ag		Silver		Silver		Silver	
Mercury	Hg		Mercury		Mercury		Mercury	
Lead	Pb		Lead		Lead		Lead	
Barium	Ba		Barium		Barium		Barium	
Strontium	Sr		Strontium		Strontium		Strontium	
Yttrium	Y		Yttrium		Yttrium		Yttrium	
Zirconium	Zr		Zirconium		Zirconium		Zirconium	
Niobium	Nb		Niobium		Niobium		Niobium	
Molybdenum	Mo		Molybdenum		Molybdenum		Molybdenum	
Technetium	Tc		Technetium		Technetium		Technetium	
Ruthenium	Ru		Ruthenium		Ruthenium		Ruthenium	
Rhodium	Rh		Rhodium		Rhodium		Rhodium	
Palladium	Pd		Palladium		Palladium		Palladium	
Silver	Ag		Silver		Silver		Silver	
Cadmium	Cd		Cadmium		Cadmium		Cadmium	
Indium	In		Indium		Indium		Indium	
Thallium	Tl		Thallium		Thallium		Thallium	
Lead	Pb		Lead		Lead		Lead	
Bismuth	Bi		Bismuth		Bismuth		Bismuth	
Polonium	Po		Polonium		Polonium		Polonium	
Astatine	At		Astatine		Astatine		Astatine	
Radon	Rn							

SITE NO. 1
PARTICIPANT A

SITE NO. 2
PARTICIPANT B

SITE NO. 3
PARTICIPANT C

SITE NO. 4
PARTICIPANT D

FIGURE 17B

The diagram illustrates a computer system architecture with the following components and connections:

- Central Processing Unit (CPU) 100:** The core component, containing:
 - 101:** Main CPU block.
 - 102:** Network Interface Card.
 - 103:** Video Display Card.
 - 104:** Video Input Card.
- Peripherals:**
 - MONITOR 200:** Connected to the CPU (100) and the Video Display Card (103).
 - CAMERA 500:** Connected to the Video Input Card (104) via line 130.
 - MICROPHONE 600:** Connected to the CPU (100) and the Add-on Box (800) via line 700.
 - SPEAKER 700:** Connected to the CPU (100) and the Add-on Box (800) via line 700.
 - KEYBOARD 300:** Connected to the CPU (100) via line 120.
 - MOUSE 400:** Connected to the CPU (100) via line 110.
- Network Interfaces:**
 - DATA NETWORK (UTP) 902:** Connected to the Network Interface Card (102) and the Add-on Box (800) via line 902.
 - AV NETWORK (UTP) 901:** Connected to the Network Interface Card (102) and the Add-on Box (800) via line 901.
- Add-on Box 800:** A separate unit containing:
 - CONTROL 806:** The main control unit of the add-on box.
 - V-OUT 803:** Video output port.
 - V-IN 801:** Video input port.
 - A-OUT 804:** Audio output port.
 - A-IN 802:** Audio input port.

Connections are shown as follows: The CPU (100) is connected to the Monitor (200), Camera (500), Microphone (600), Speaker (700), Keyboard (300), and Mouse (400). The CPU (100) is also connected to the Add-on Box (800) via the AV Network (UTP) 901 and the Data Network (UTP) 902. The Add-on Box (800) is connected to the Microphone (600) and Speaker (700) via line 700, and to the Video Input Card (104) via line 130.

FIGURE 18A

A block diagram of a computer system. At the top left is a **MONITOR 200**. Below it is the **CPU 100**, which contains a **VIDEO DISPLAY CARD 120** and a **NETWORK INTERFACE CARD 110**. To the right of the CPU is a **KEYBOARD 300** and a **MOUSE 400**. On the far right is a **SIDE MOUNT 850** containing a **CONTROLS 820** panel with a display **810** and buttons **500** and **600**. Below the controls is a panel **700** with **CTL 806** and **AV I/O 805** ports. At the bottom, two network lines are shown: **DATA NETWORK (UTP) 902** and **AV NETWORK (UTP) 901**. Arrows indicate connections: from the CPU to the monitor, from the keyboard and mouse to the CPU, from the CPU to the CTL port (806) on the side mount, and from the NETWORK INTERFACE CARD (110) to the DATA NETWORK (902). The AV NETWORK (901) is also shown with an arrow pointing right.

FIGURE 18B

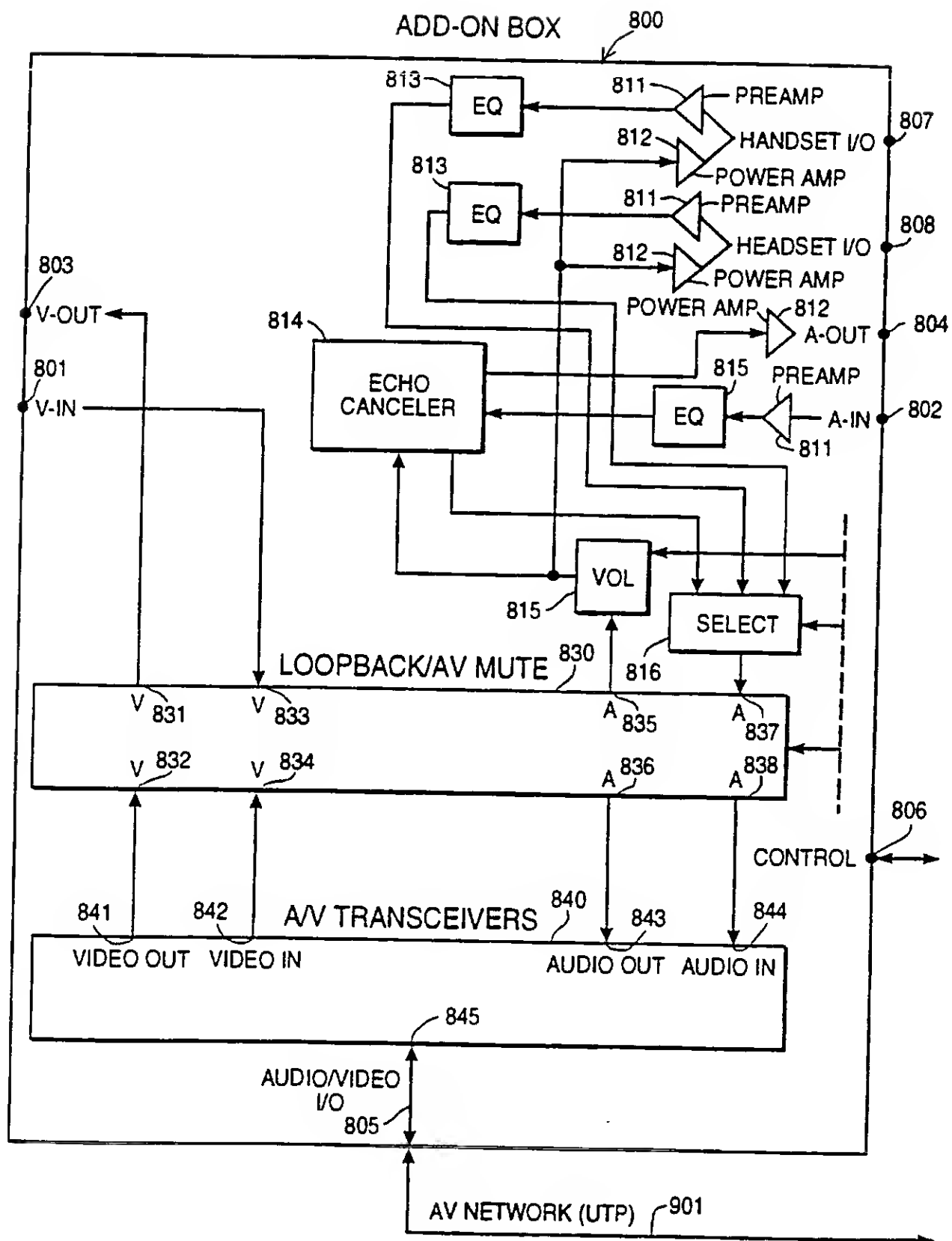


FIGURE 19

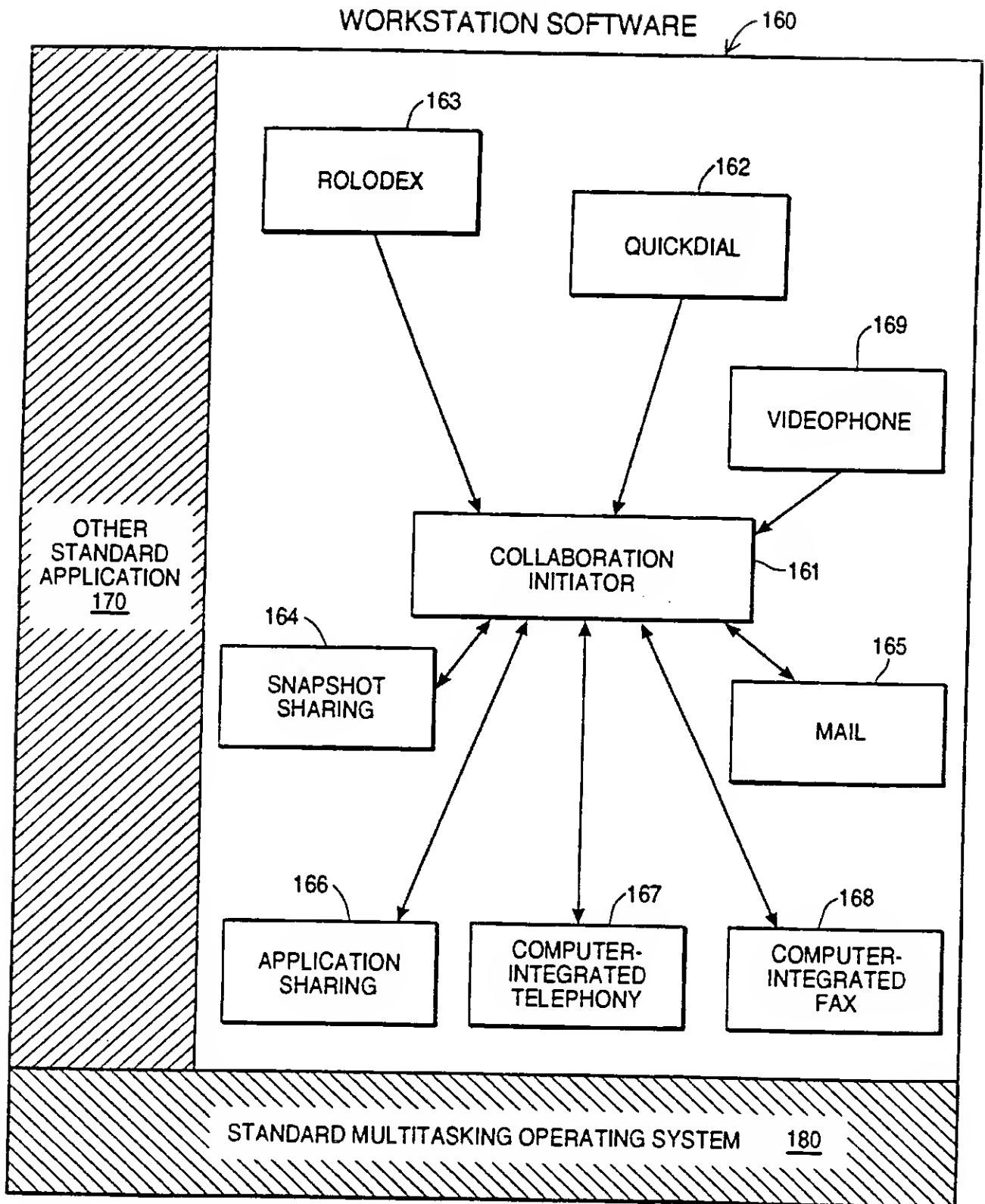


FIGURE 20

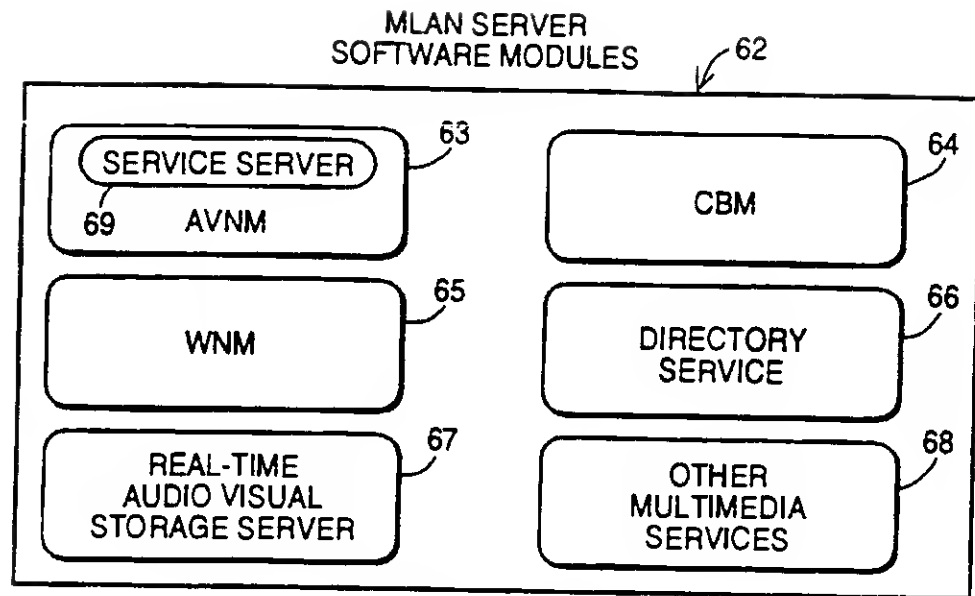


FIGURE 21

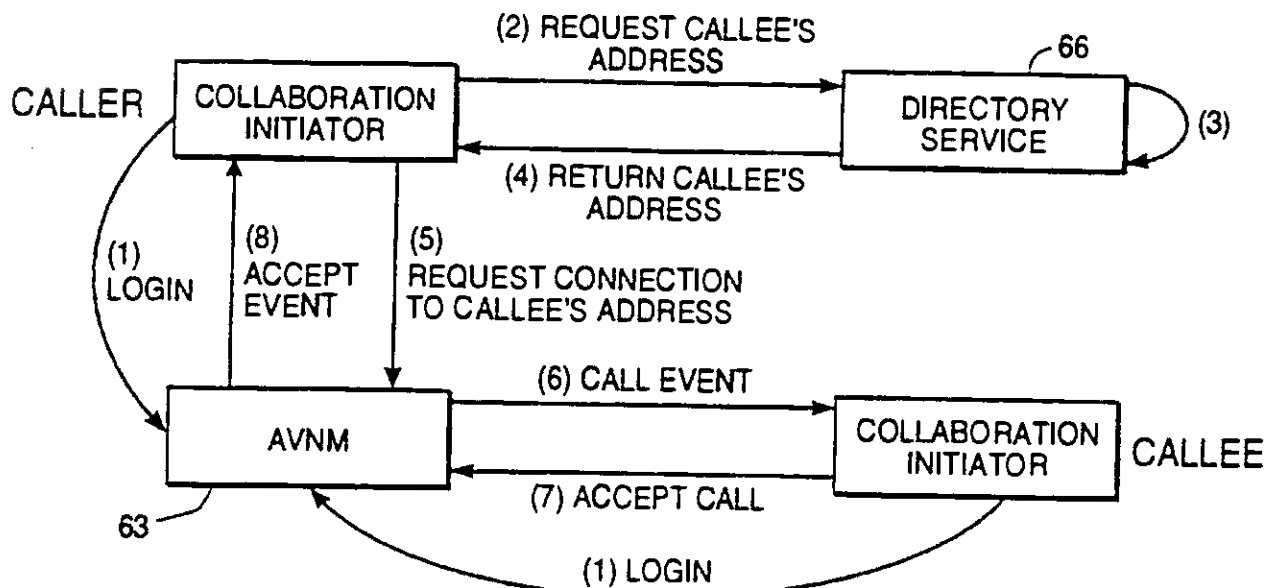


FIGURE 23

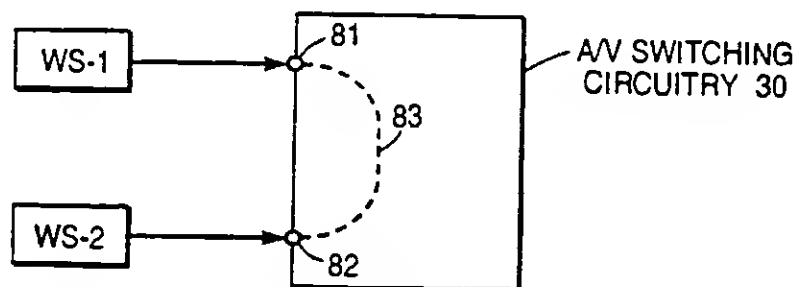


FIGURE 24

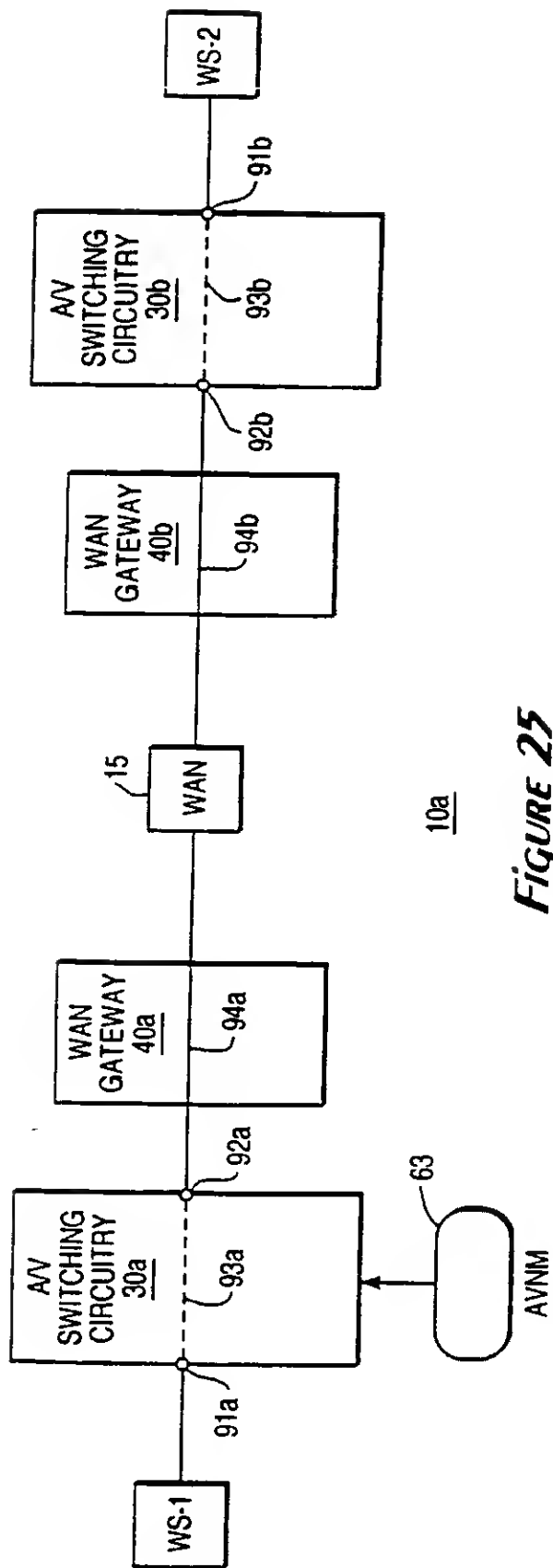


FIGURE 25

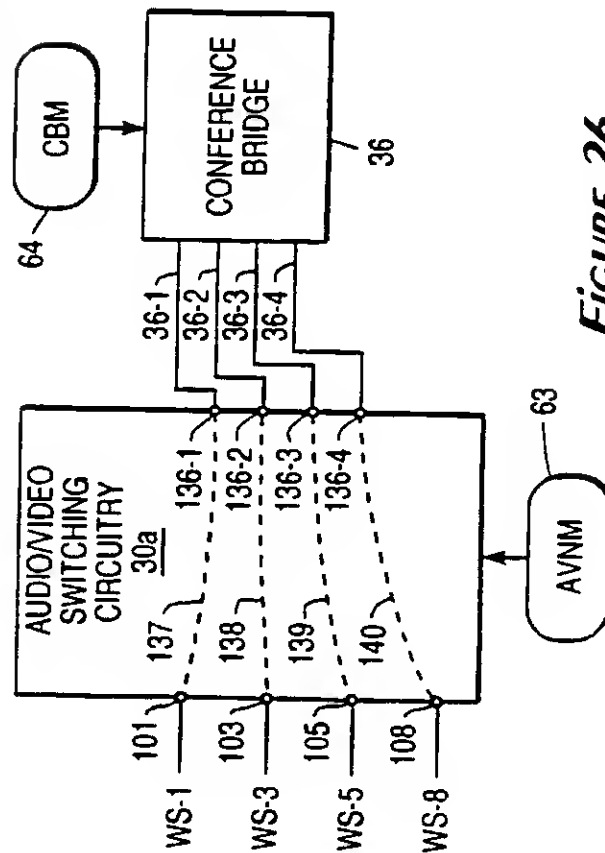


FIGURE 26

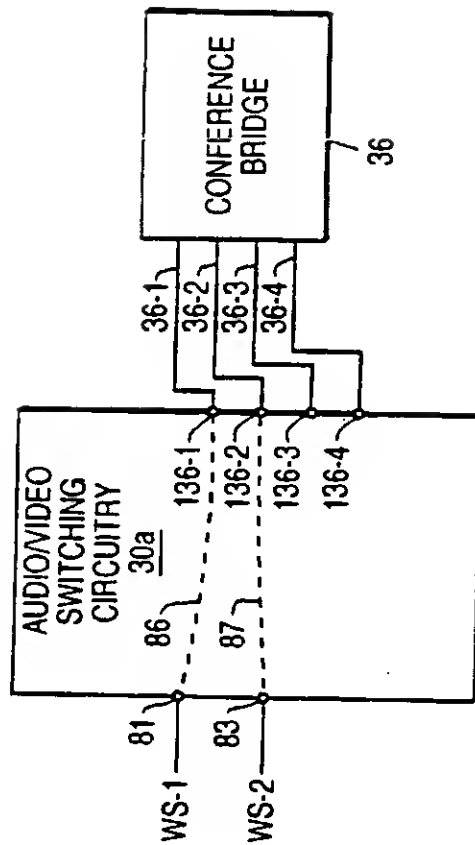
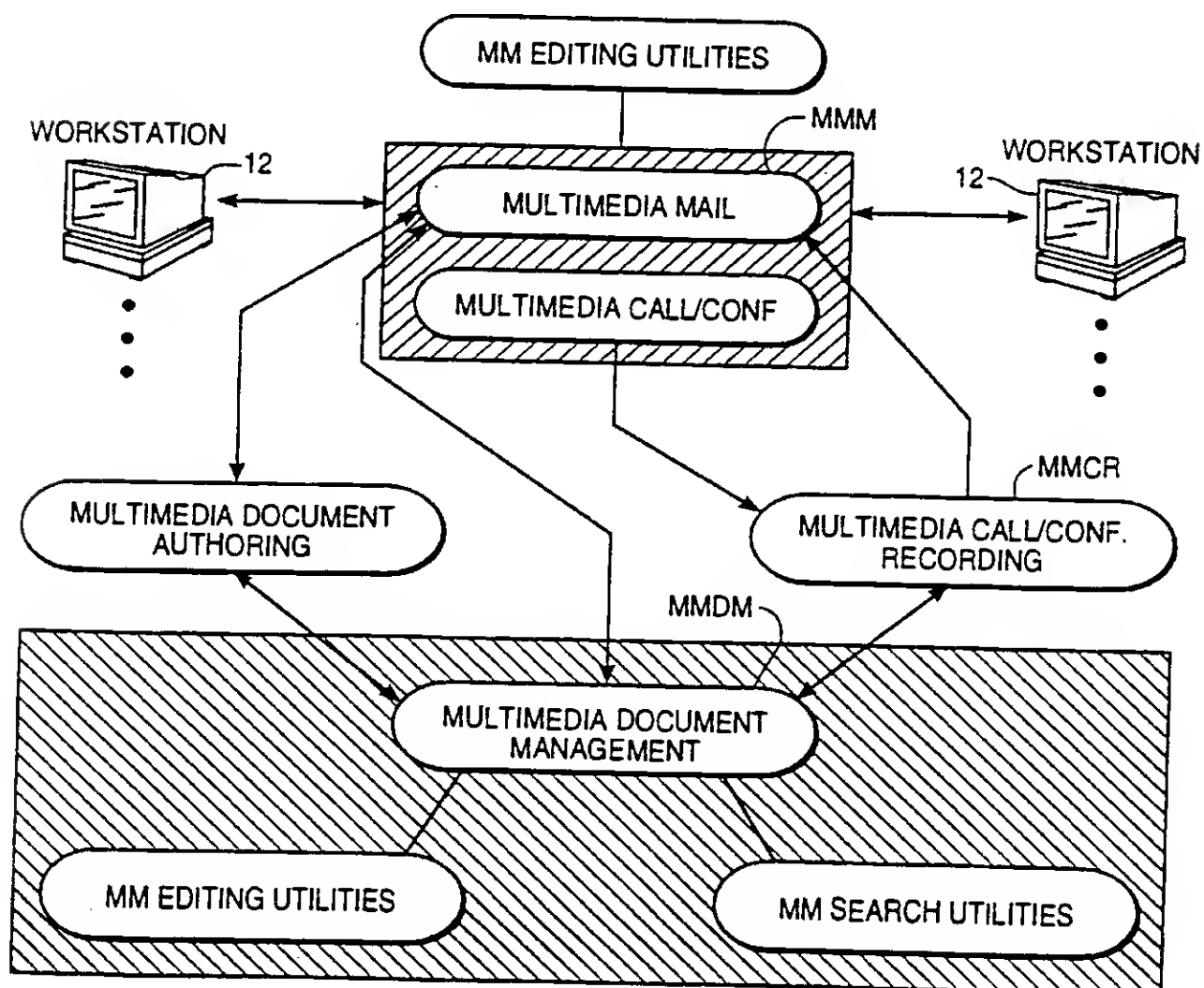
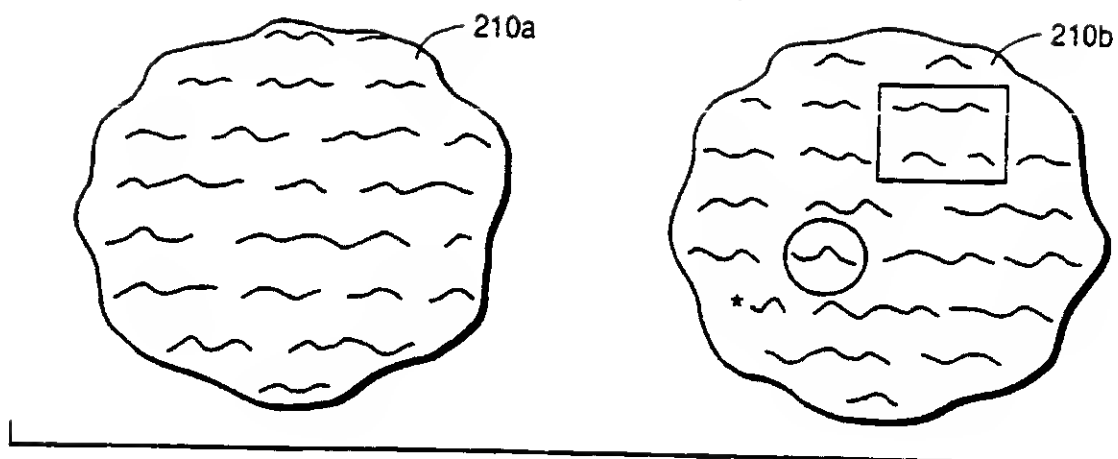
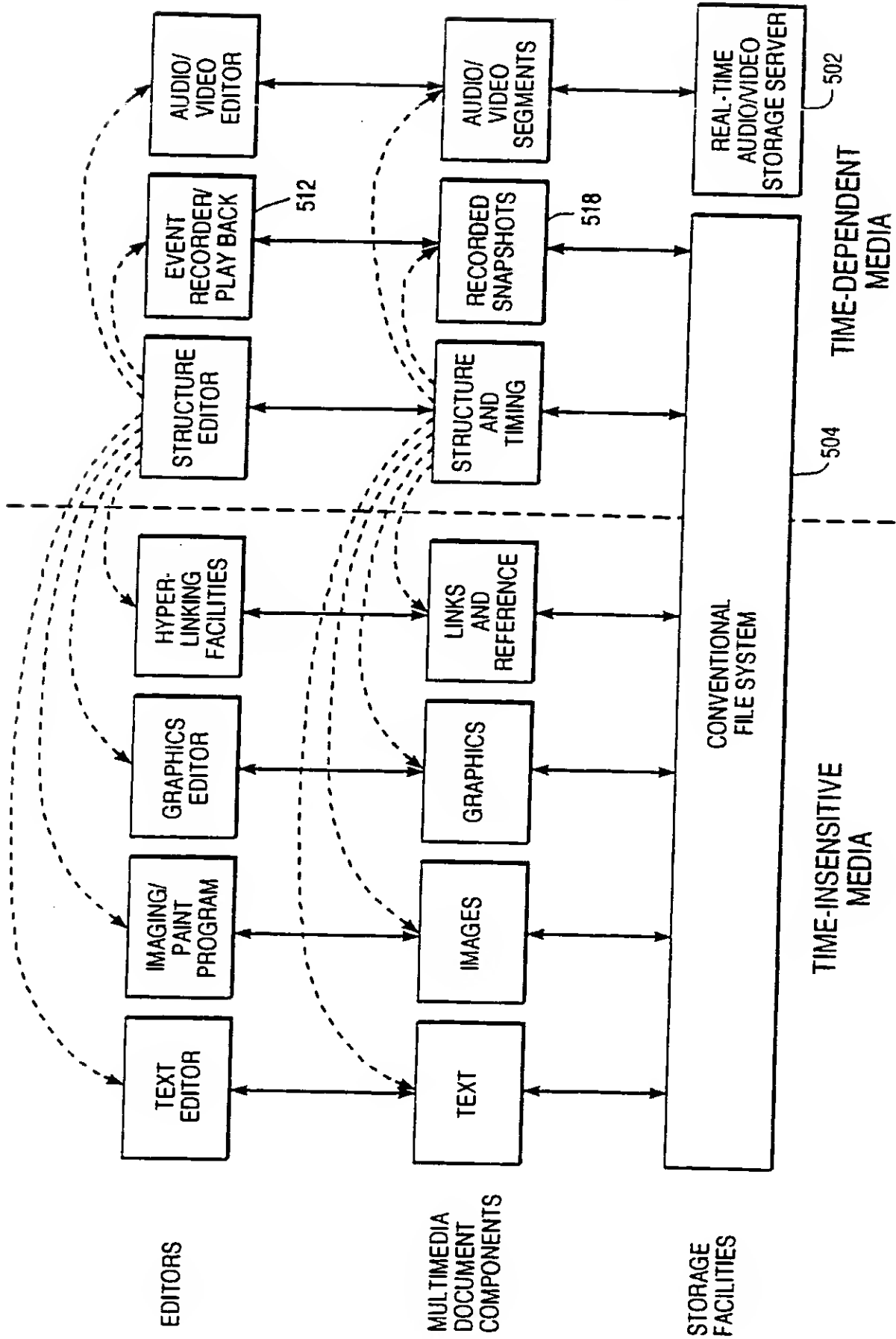
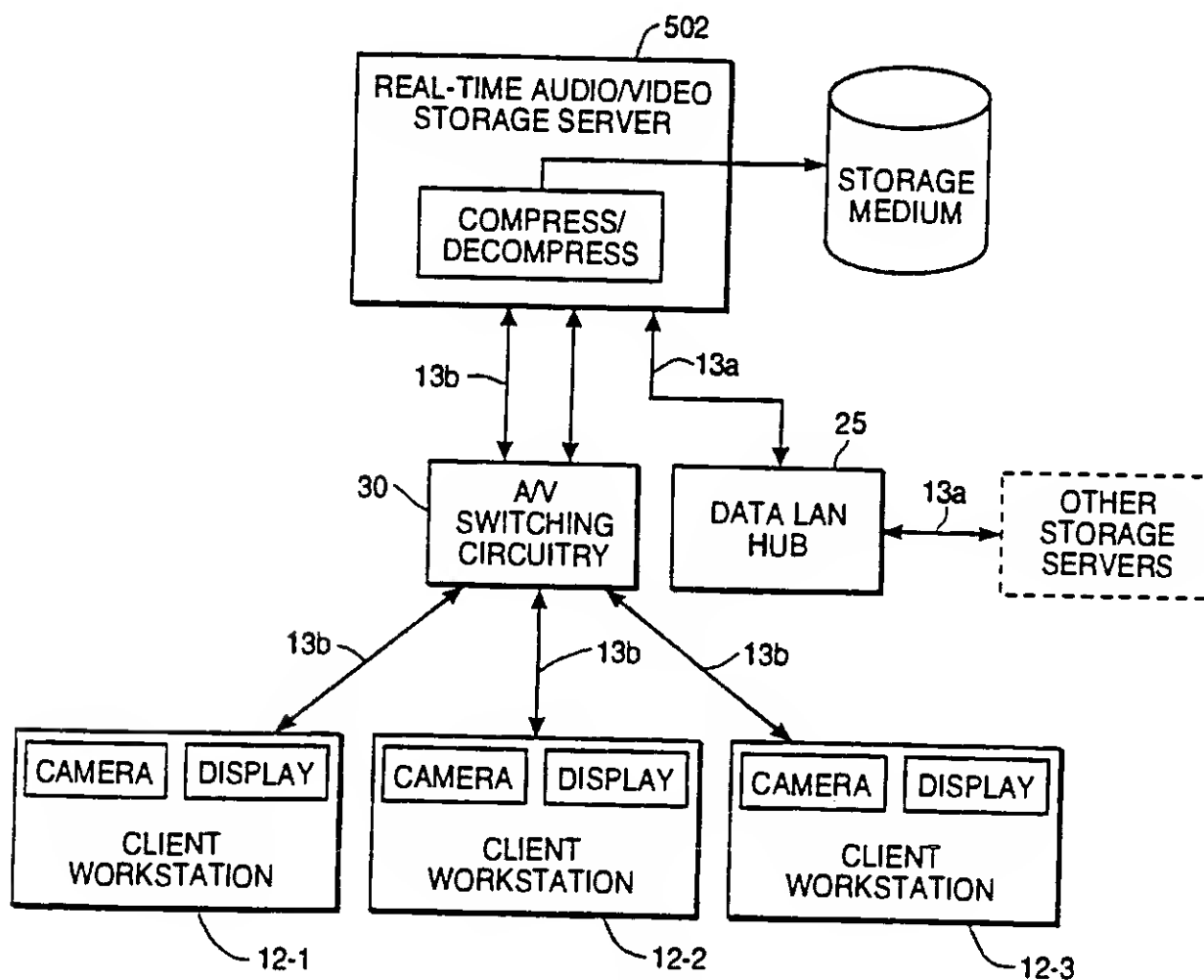
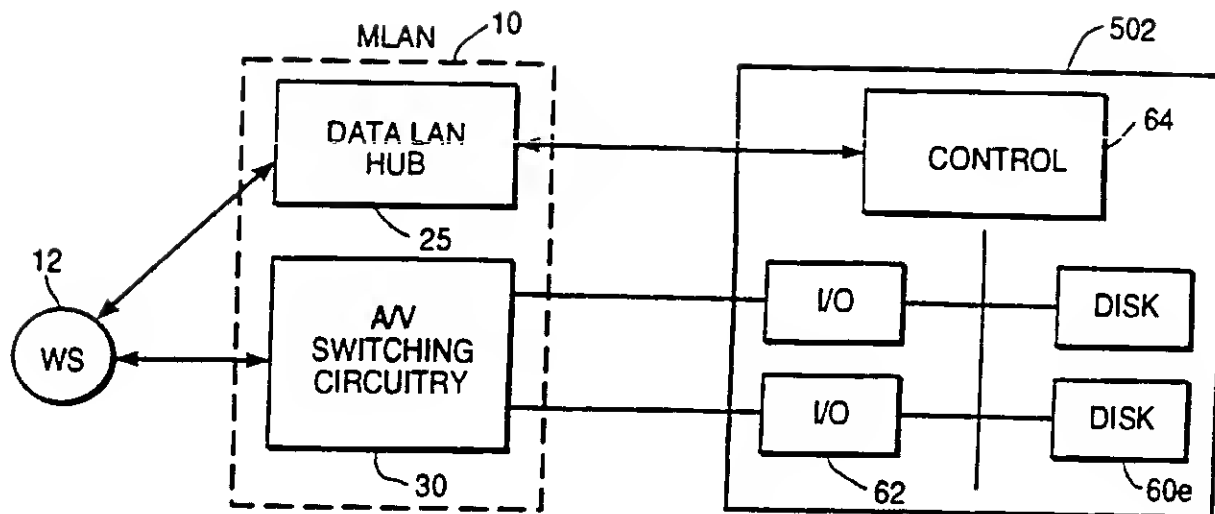


FIGURE 27







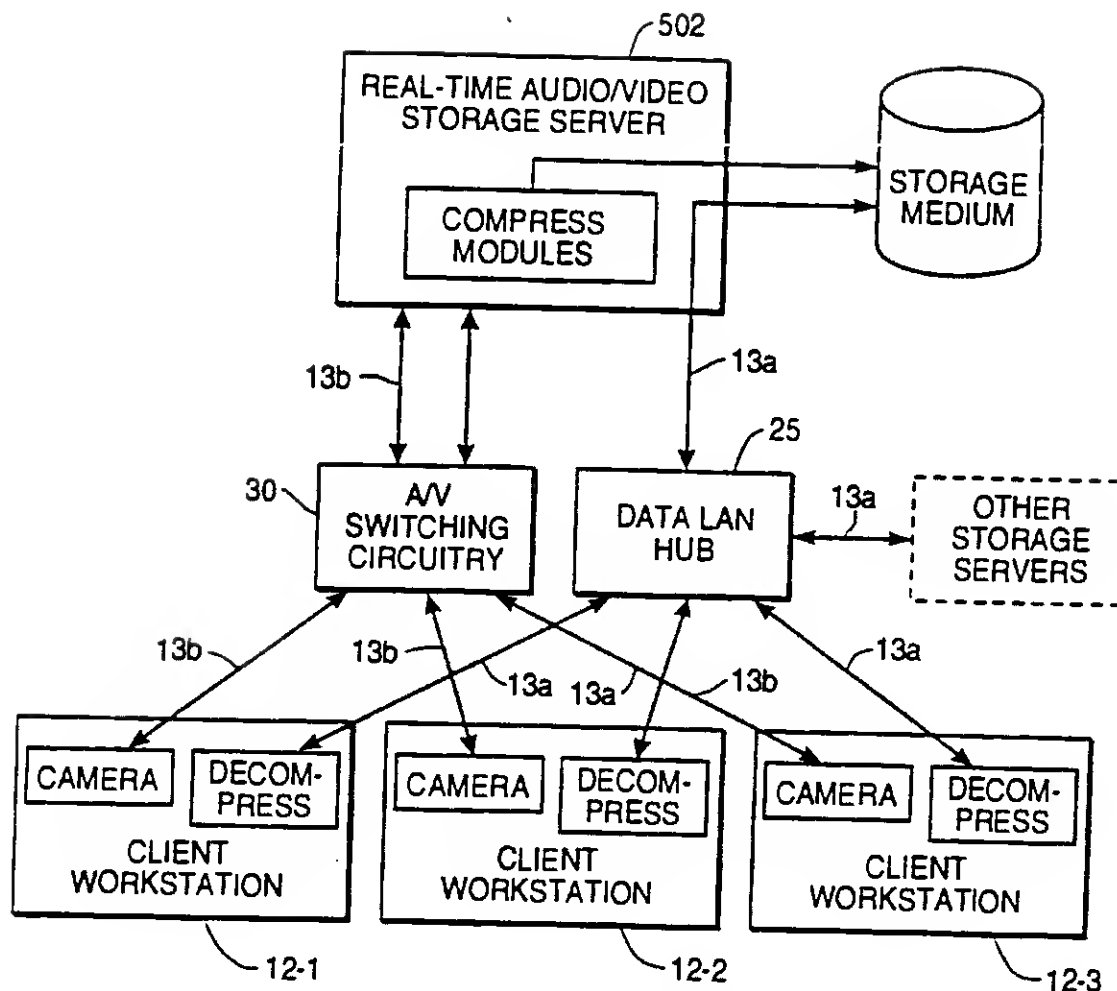


FIGURE 31C

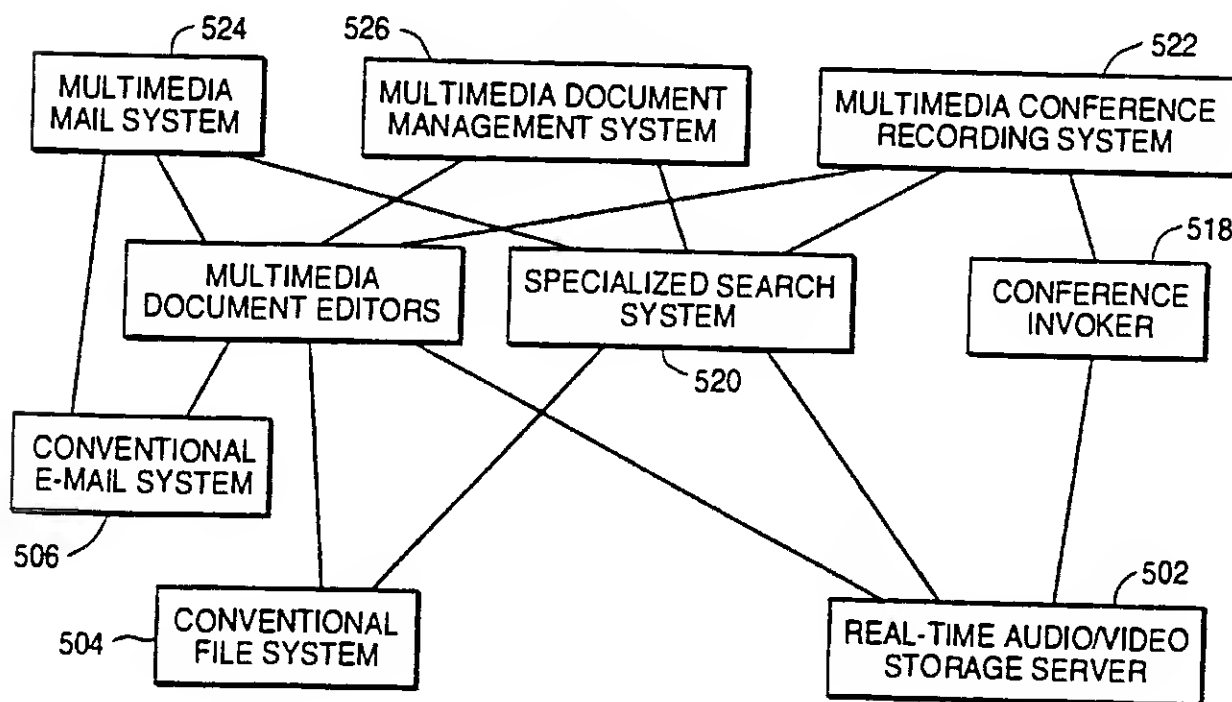


FIGURE 31D

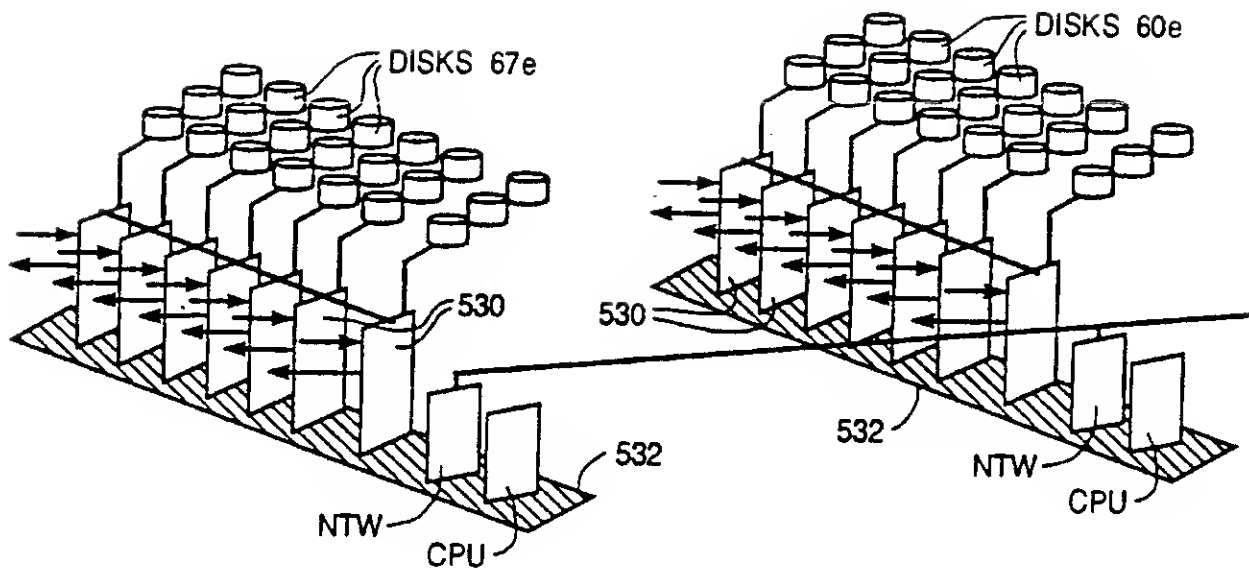


FIGURE 32

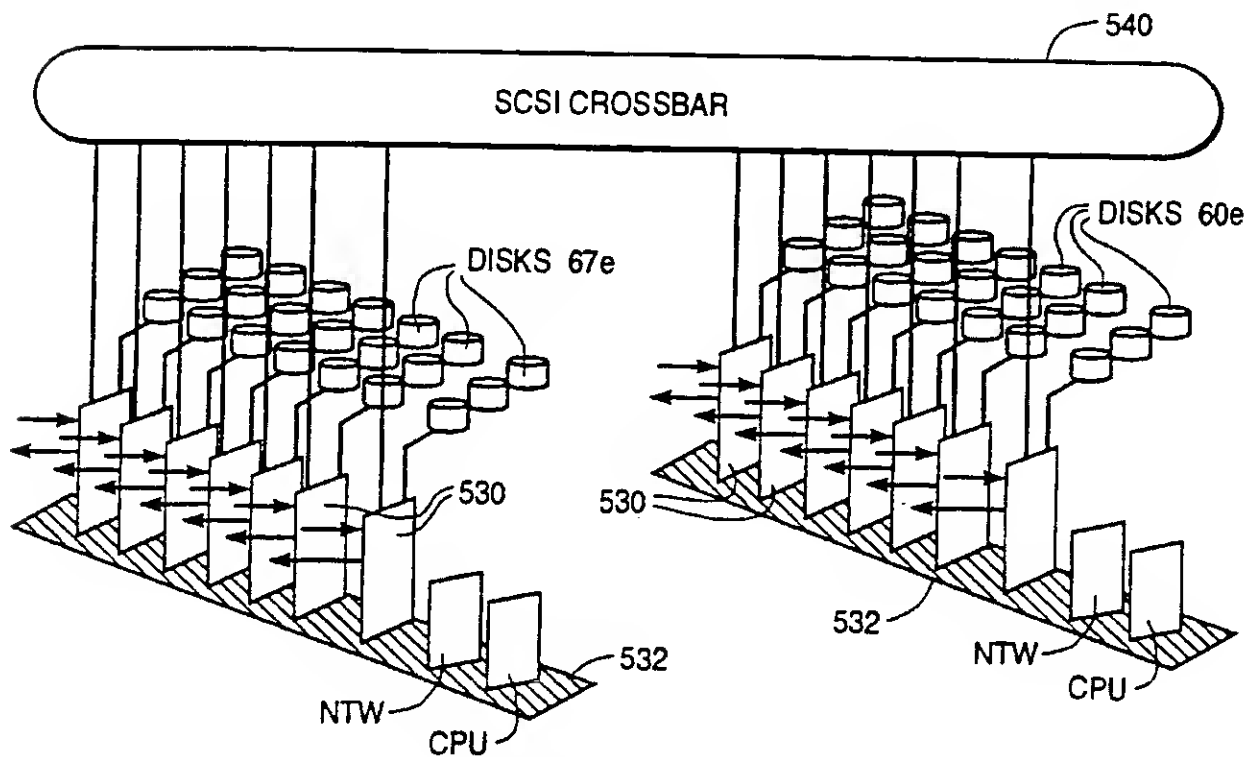


FIGURE 33

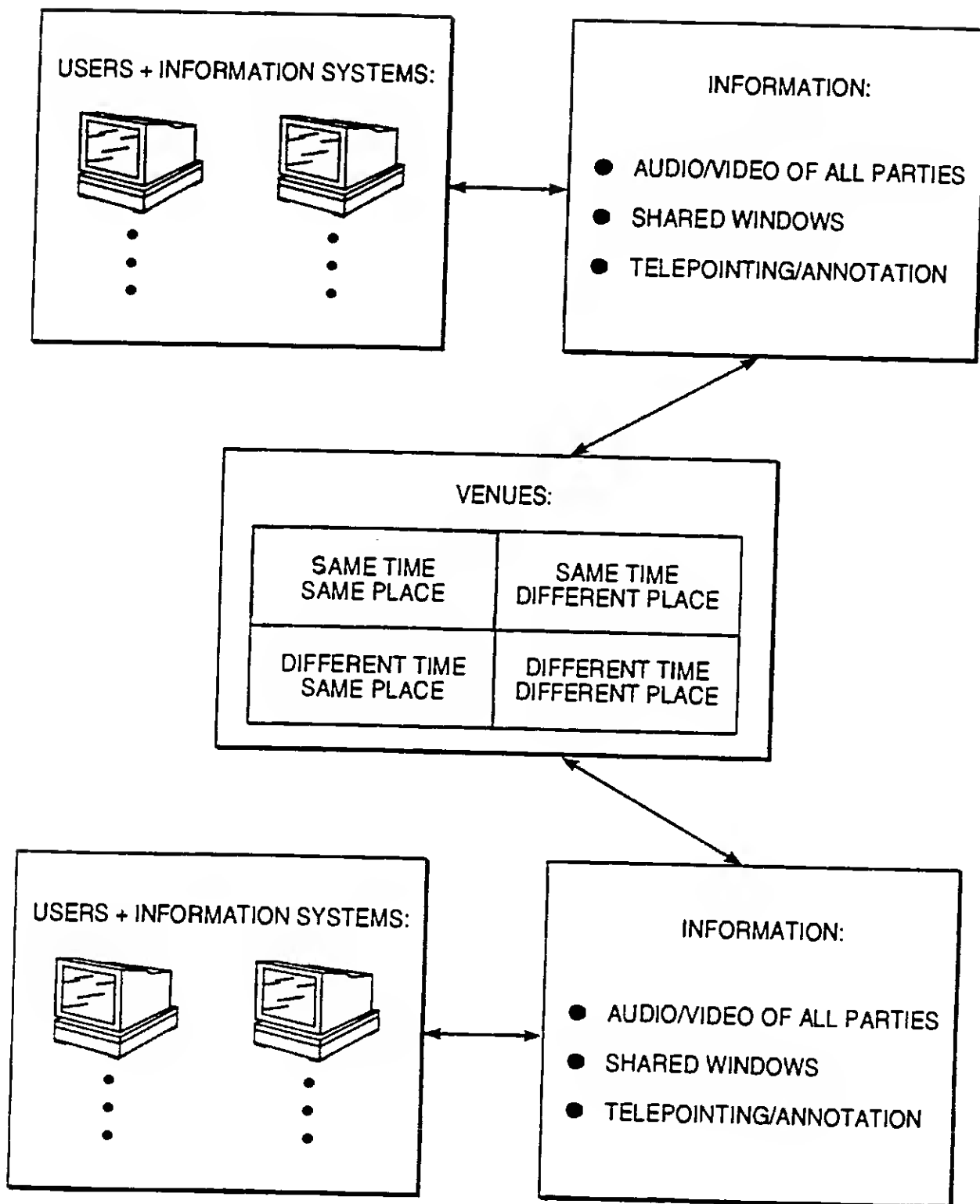


FIGURE 34

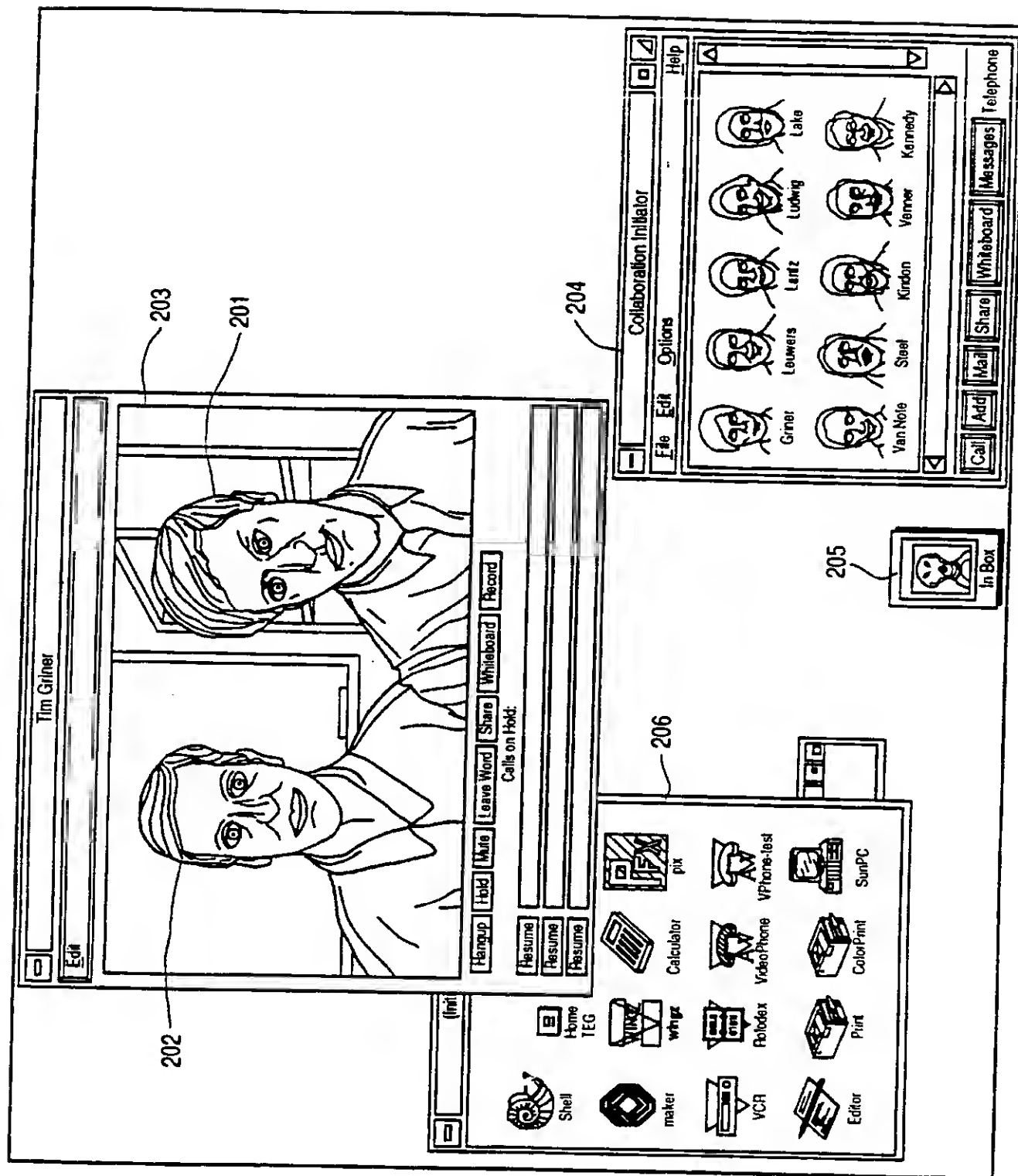


FIGURE 35

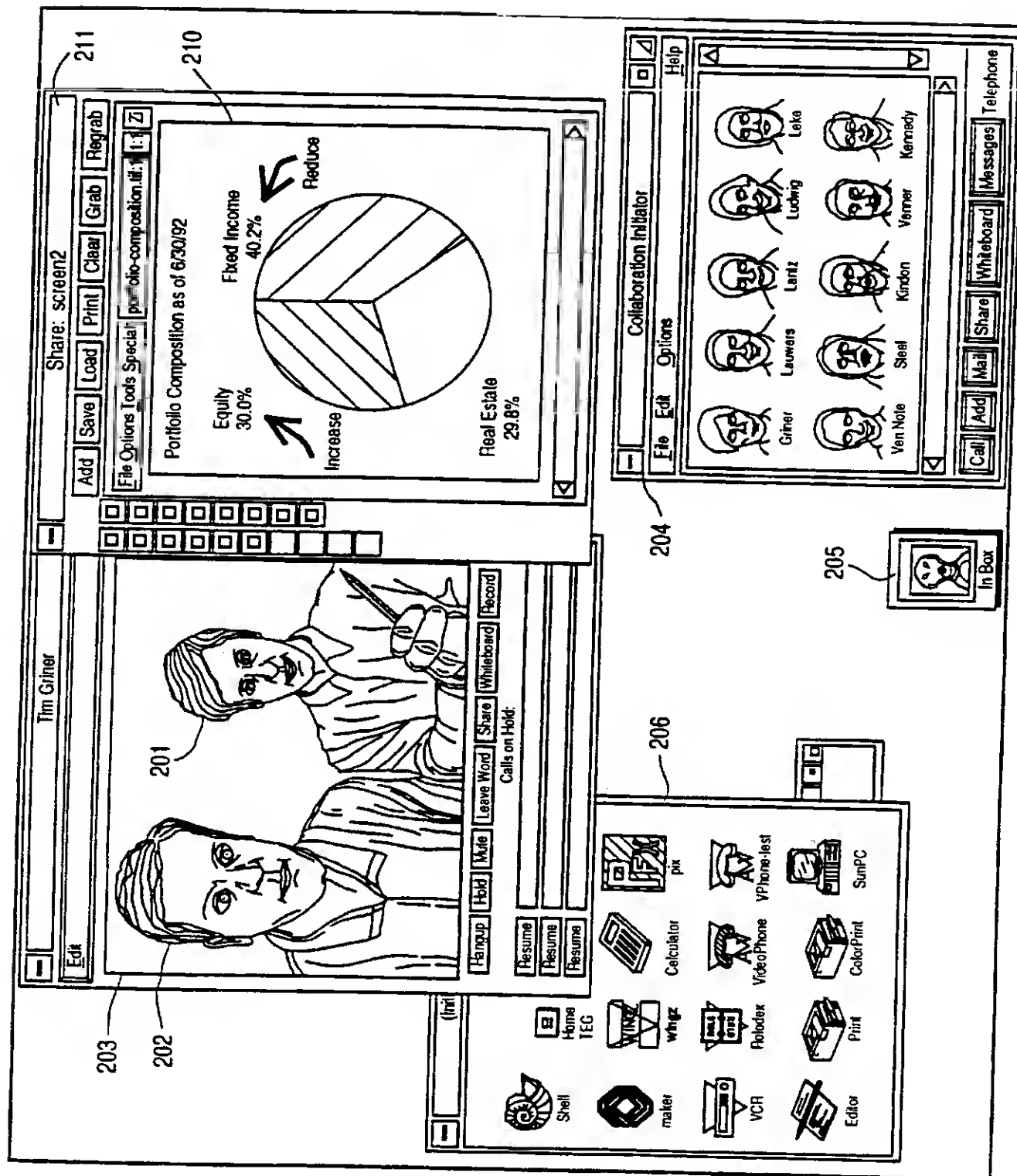
[illegible]

FIGURE 36

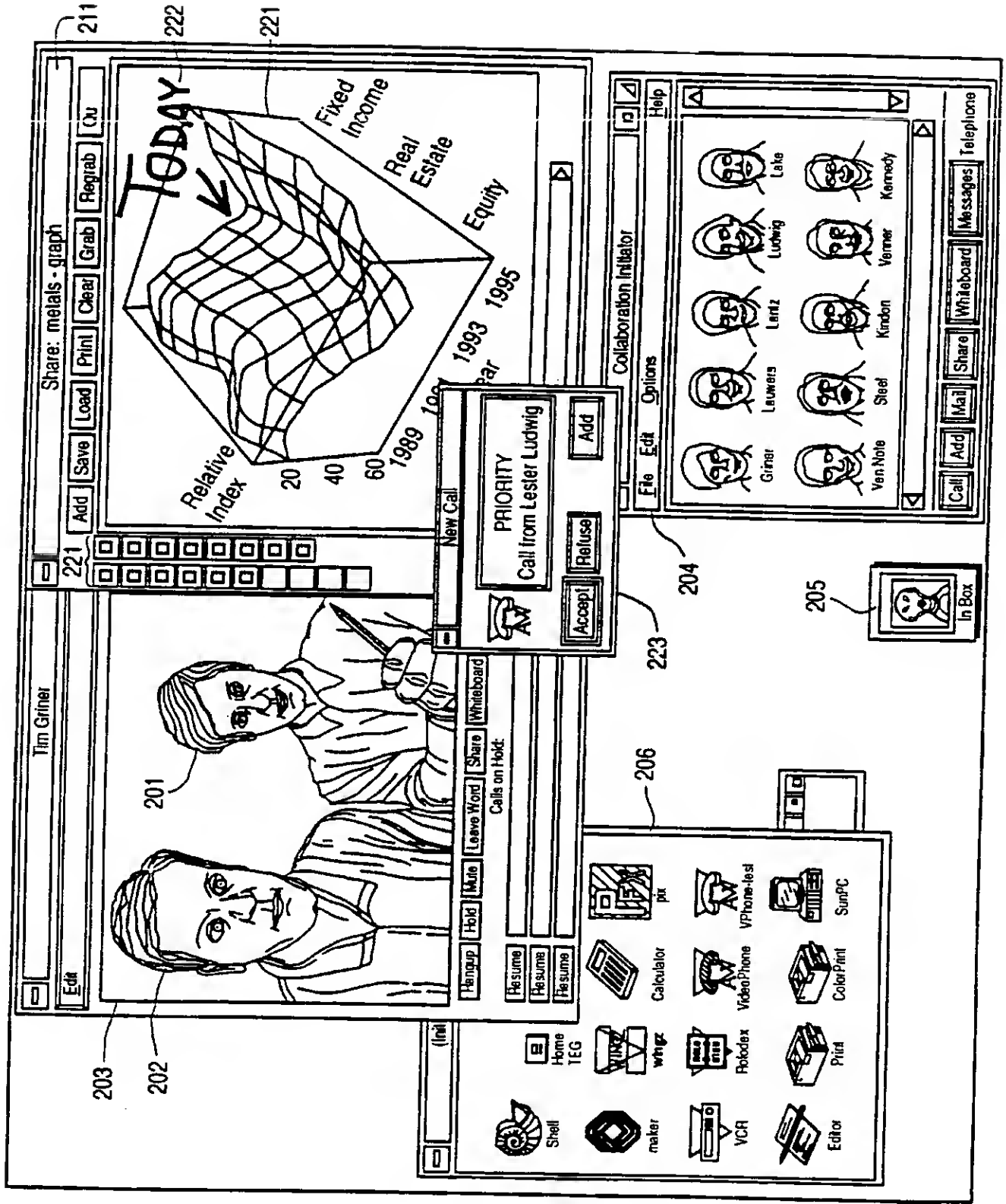


FIGURE 37

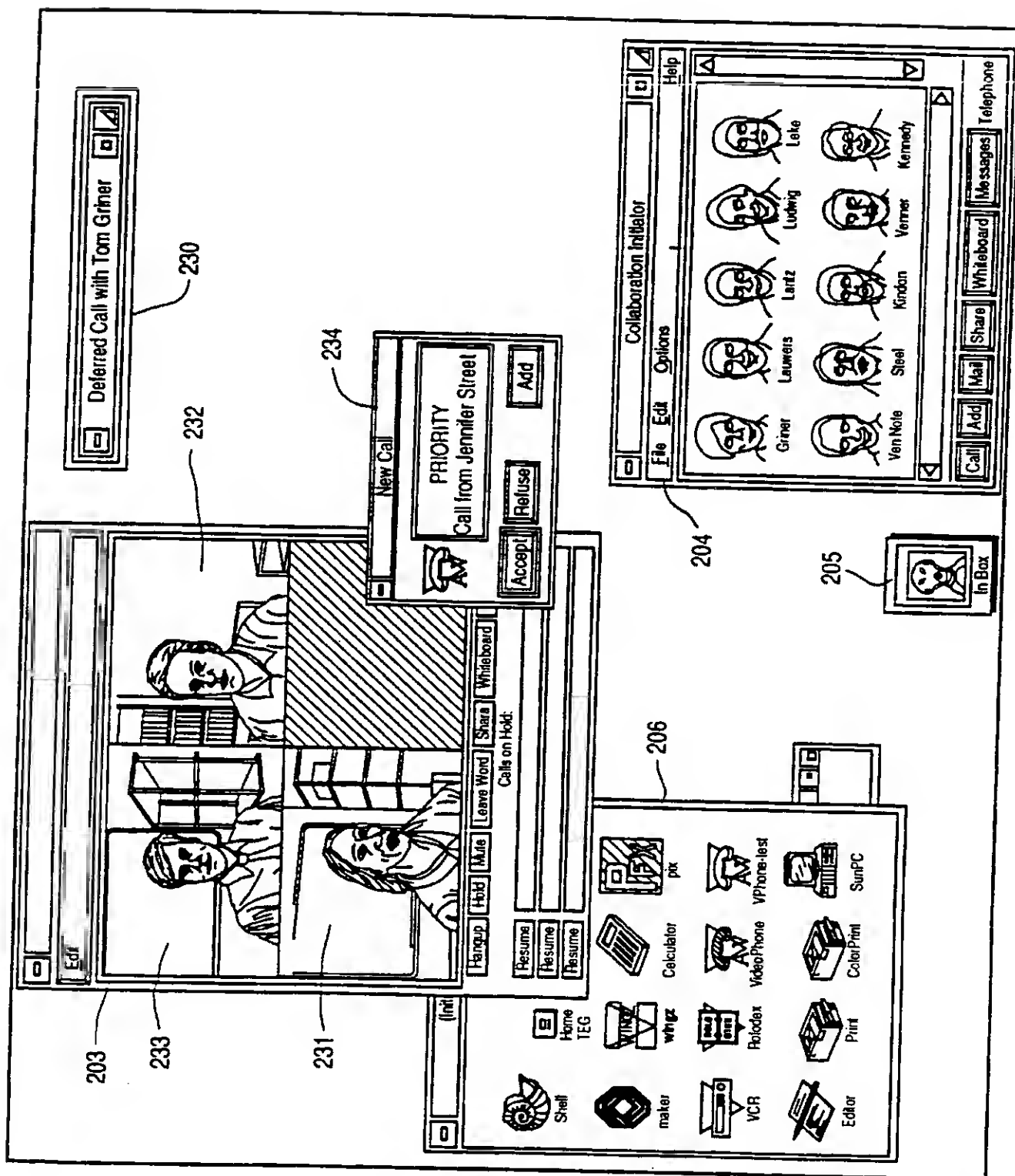


FIGURE 38

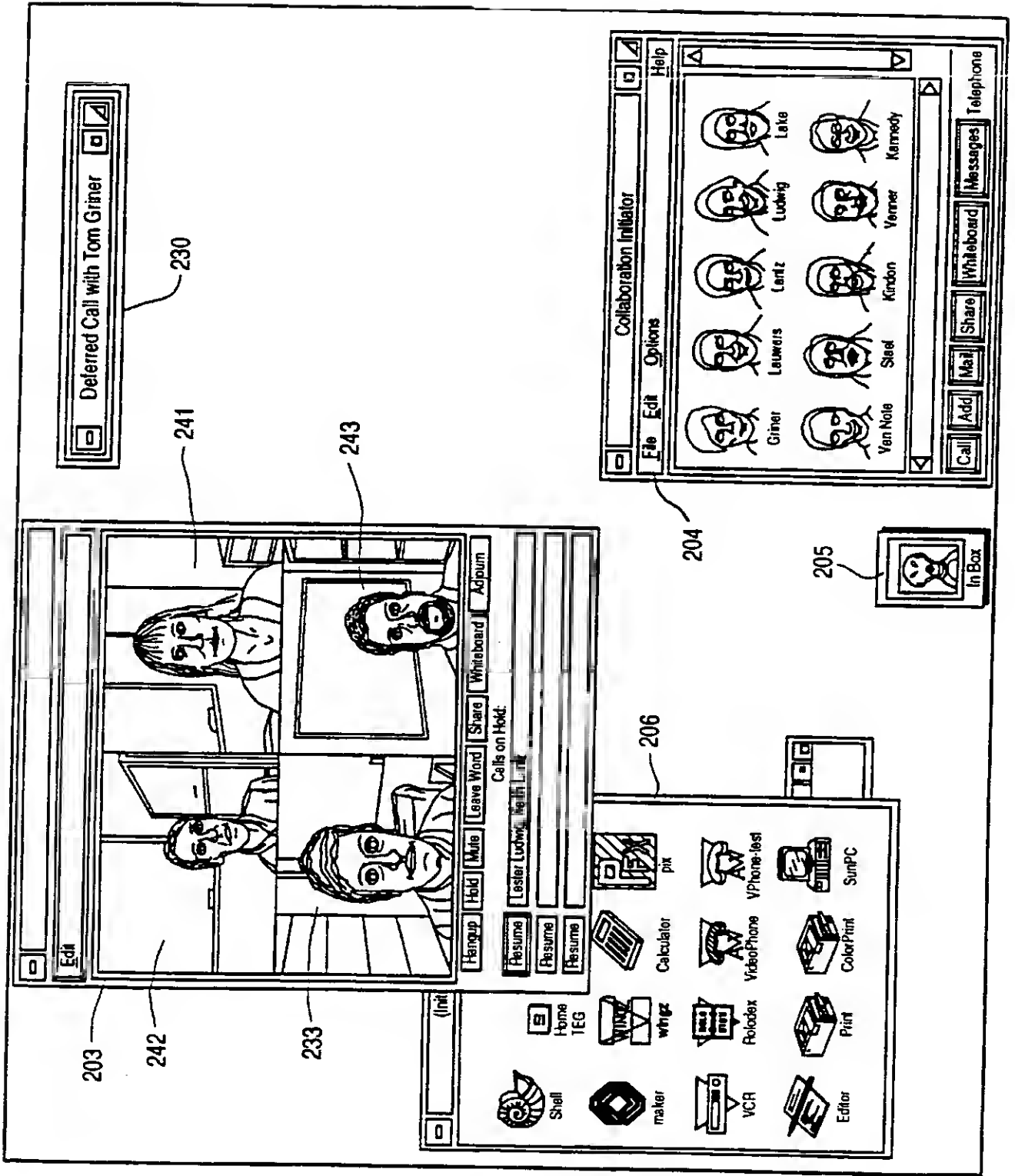


FIGURE 39

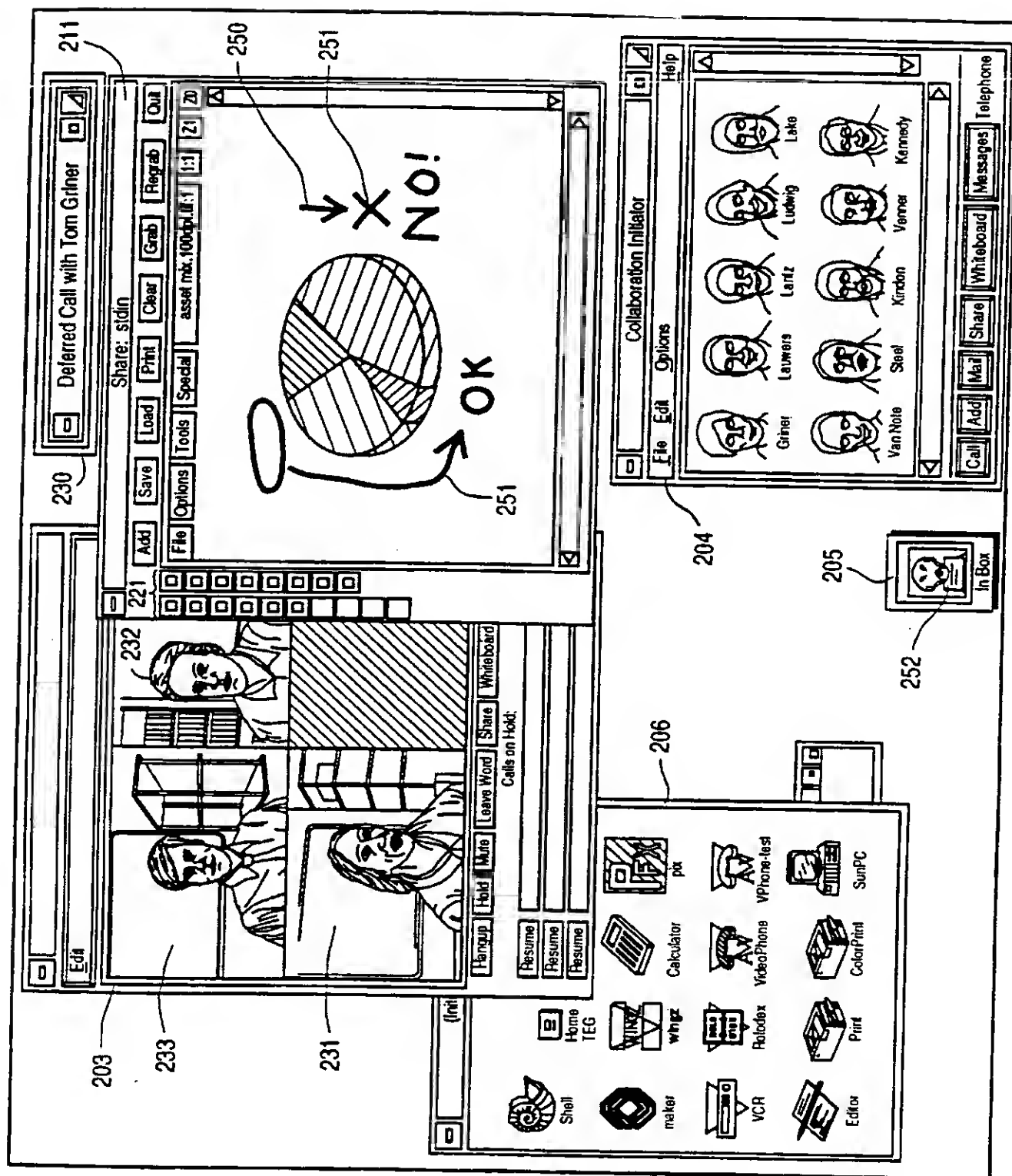


FIGURE 40

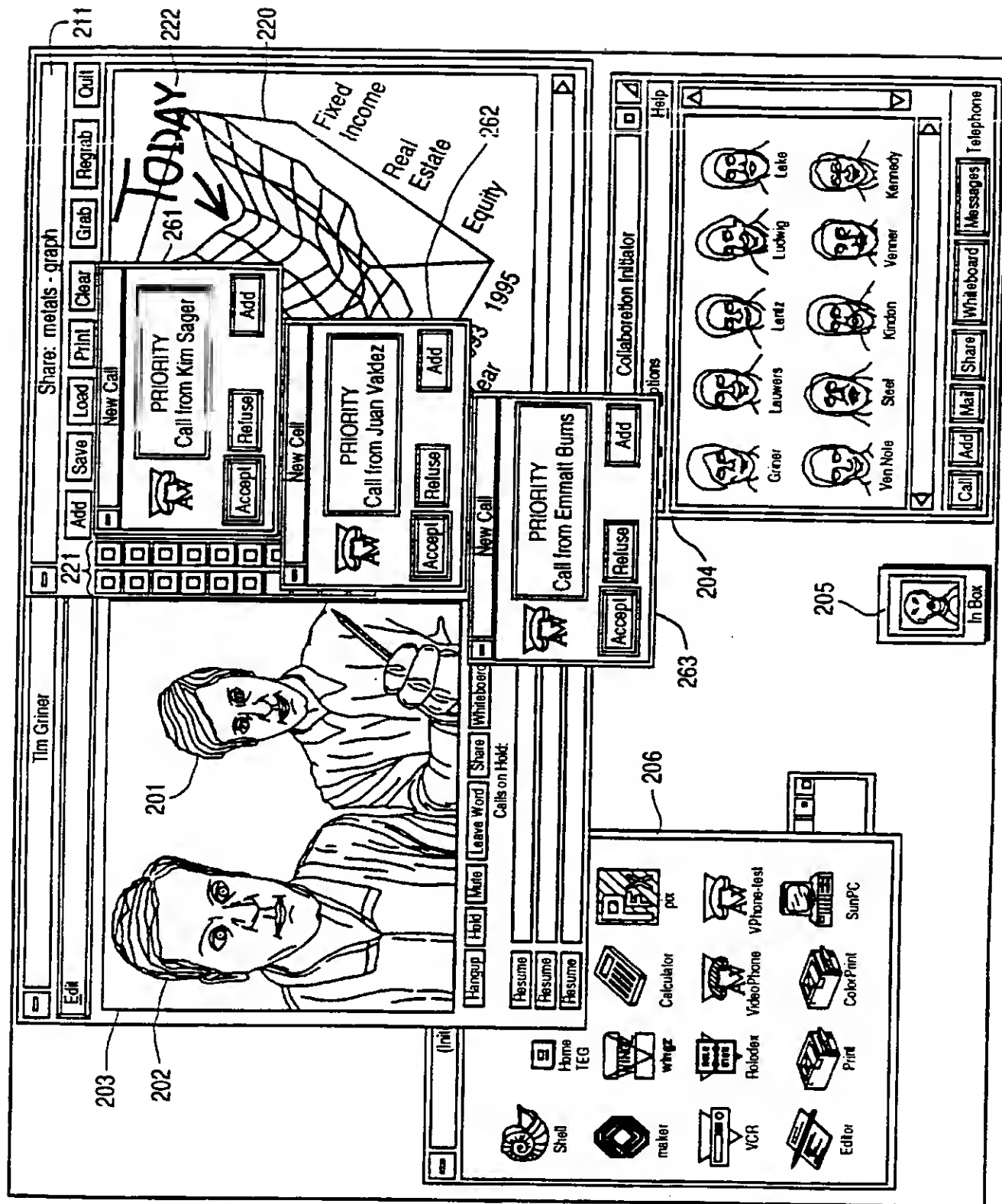


FIGURE 41

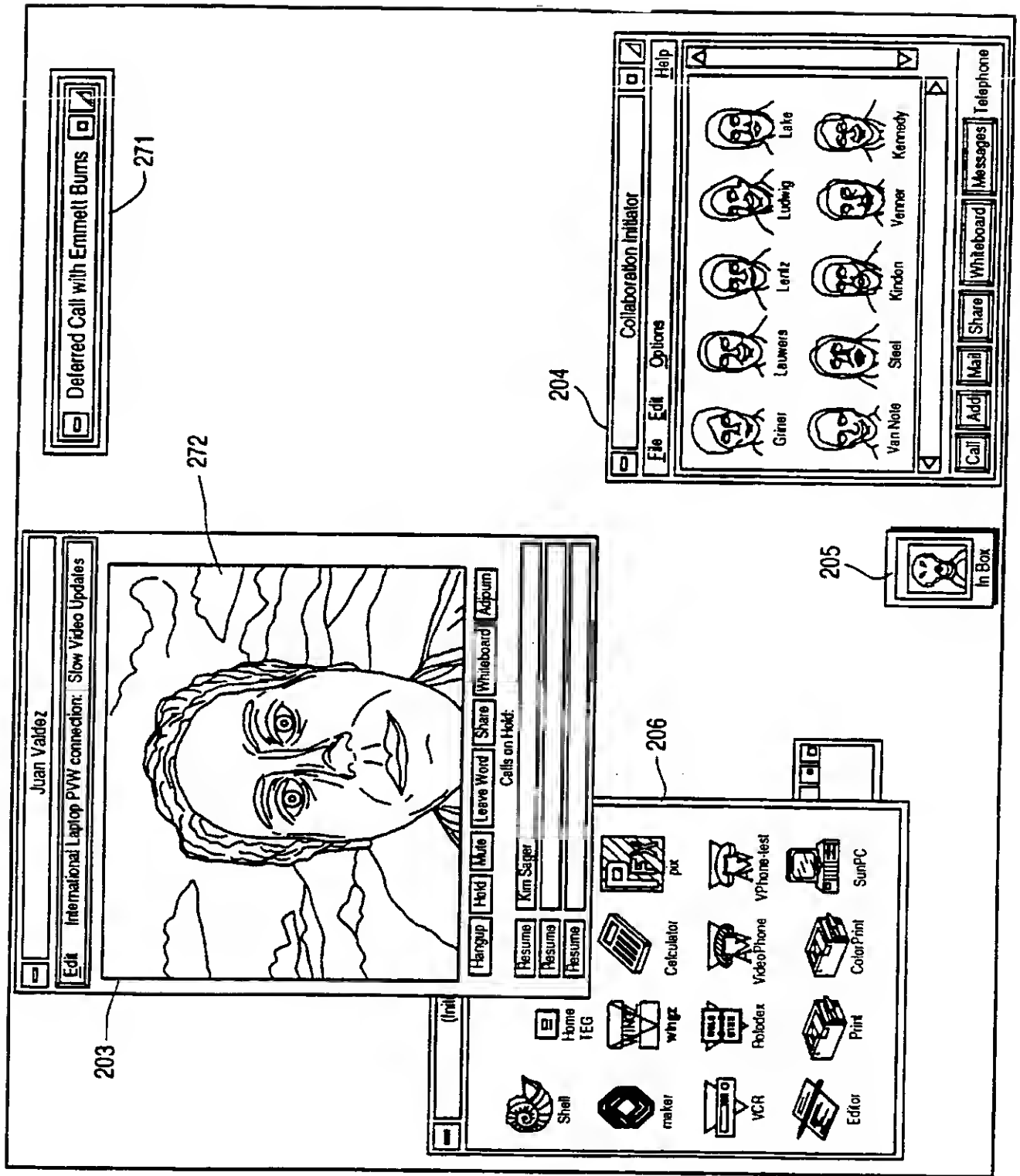


FIGURE 42